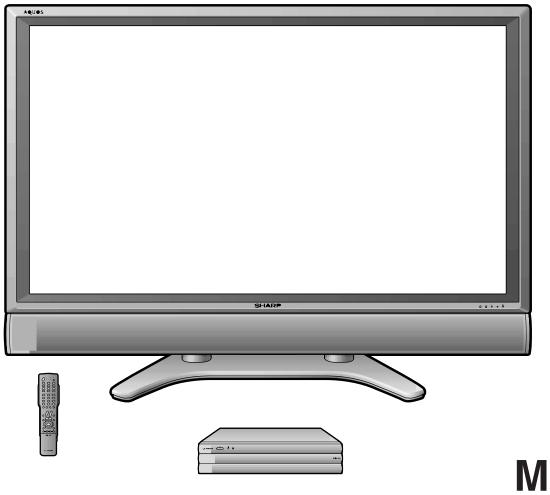
SHARP

SERVICE MANUAL

SX5P7LC65GD1E



LCD COLOUR TELEVISION

AVC System

TU-65GD1E

Display

MODELS **LC-65GD1E**

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

OUTLINE

The AVC System (TU-65GD1E) section of this Service Manual only covers the difference items from TU-45GD1E. Please refer to a TU-45GD1E service manual about other point.

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SHARP CORPORATION

IMPORTANT SERVICE SAFETY PRECAUTION

- **Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:**

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE.

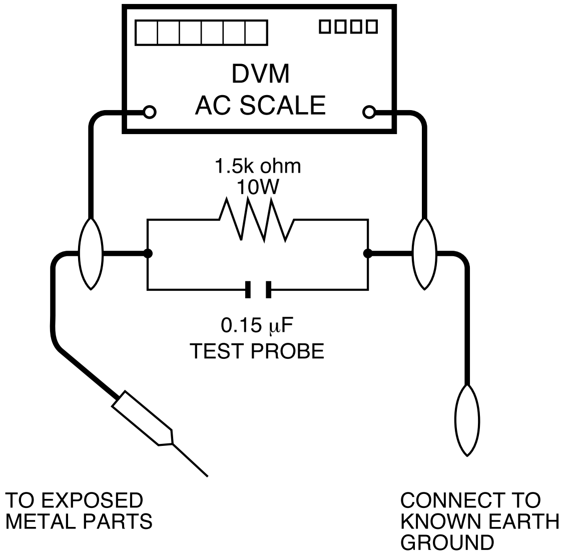
TU-65GD1E : F701 (2A, 250V), F702 (1A, 250V), F703 (2A, 250V, 117°C)
LC-65GD1E : F3 (2A/250V), F701 (12A, 250V), F7301, F7302, F7401, F7402, F7501, F7502, F7601, F7602 , F7701, F7702 , F7801, F7802 (4A,250V)

BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

Before returning the receiver to the user, perform the following safety checks:

1. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.

- Plug the AC cord directly into a 220~240 volt AC outlet.
- Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15μF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.
- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.
  All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)
  Any reading of 1.05V peak (this corresponds to 0.7 mA peak AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD colour television have special safety-related characteristics.
These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.
Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by " ⚠" and shaded areas in the **Replacement Parts List** and **Schematic Diagrams.**
For continued protection, replacement parts must be identical to those used in the original circuit.
The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

Precautions for using lead-free solder

1 Employing lead-free solder

"PWBs" of this model employs lead-free solder. The LF symbol indicates lead-free solder, and is attached on the PWBs and service manuals. The alphabetical character following LF shows the type of lead-free solder.
Example:

LF a
Sn-Ag-Cu

Indicates lead-free solder of tin, silver and copper.

LF a/a
Sn-Ag-Cu

Indicates lead-free solder of tin, silver and copper.

2 Using lead-free wire solder

When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.
As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40°C, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldering bit, contact our service station or service branch in your area.

3 Soldering

As the melting point of lead-free solder (Sn-Ag-Cu) is about 220°C which is higher than the conventional lead solder by 40°C, and as it has poor solder wettability, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, Since the land may be peeled off or the maximum heat-resistance temperature of parts may be exceeded, remove the bit from the PWB as soon as you confirm the steady soldering condition.
Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to turn on and off the power of the bit as required.
If a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.
When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

Be careful when replacing parts with polarity indication on the PWB silk.

Lead-free wire solder for servicing

Part No,	★	Description	Code
ZHNDAi123250E	J	ϕ0.3mm 250g(1roll)	BL
ZHNDAi126500E	J	ϕ0.6mm 500g(1roll)	BK
ZHNDAi12801KE	J	ϕ1.0mm 1kg(1roll)	BM

A comparison table with the AVC system unit of TU-45GD1E

	TU-45GD1E			TU-65GD1E		
Ref. No.	Part No.	Change	★	Part No.	Description	Code
	DUNTKC267FE50	→	-	DUNTKC267FE69	DVI Unit	—
IC1911	VHi24LC2BiN3ES	→	J	VHi24LC2BiNBES	EEPROM, Video EDiD	AH
	DUNTKC427FE31	→	J	DUNTKC427FE64	CPU Unit	BQ
IC8302	RH-iXB318WJZZQ	→	J	RH-iXB687WJZZQ	64Mbit Flash Memory	AW
	DUNTKC480DE10	→	—	DUNTKC480DE19	AV Unit (E)	—
	DUNTKC480DE11	→	—	DUNTKC480DE20	AV Unit (E(K))	—
	DUNTKC480DE12	→	—	DUNTKC480DE21	AV Unit (E(F))	—
	DUNTKC480DE13	→	—	DUNTKC480DE22	AV Unit (E(I))	—
	DUNTKC480DE14	→	—	DUNTKC480DE23	AV Unit (E(R))	—
	DUNTKC482FE01		J	←	DVB-T Unit	CP
	DUNTKC544FE01		J	←	PC CARD Unit	BY
IC 5003	RH-iXB601WJZZQ	→	J	RH-iXB201WJZZQ	32Mbit Flash Memory	AS
	DUNTKC602DE02	→	—	DUNTKC602DE06	FRONT Unit	—
R 3001	VRS-CY1JF391JY	→	J	VRS-CY1JF222JY	2.2k 1/16W Metal Oxide	AA
R 3004	VRS-CY1JF122JY	→	J	VRS-CY1JF472JY	4.7k 1/16W Metal Oxide	AA
	DUNTKC603DE02	→	—	DUNTKC603DE06	AUDIO IF Unit	—
	DUNTKC938FE01	→	J	DUNTKC938FE11	MAIN Unit (E)	CR
	DUNTKC938FE02	→	J	DUNTKC938FE12	MAIN Unit (E(K))	CQ
	DUNTKC938FE03	→	J	DUNTKC938FE13	MAIN Unit (E(F))	CQ
	DUNTKC938FE04	→	J	DUNTKC938FE14	MAIN Unit (E(I))	CQ
	DUNTKC938FE05	→	J	DUNTKC938FE16	MAIN Unit (E(R))	CQ
	DUNTKD051FE02	→	—	DUNTKD051FE13	TMDS-TX Unit	—
	RDENCA110WJZZ		—	←	POWER SUPPLY Unit	—
	RDENCA111WJZZ		—	←	DC/DC CONVERTER Unit	—
	B2SX4102BT		J	←	1Bit AMPLIFIER Unit	BL

Specifications

Item			**65" LCD COLOUR TV, Model: LC-65GD1E (Display) TU-65GD1E (AVC System)**
LCD panel			65" Advanced Super View & BLACK TFT LCD
Number of dots			6,220,800 dots (1920 x 1080 x 3 dots)
Video Colour System			PAL/SECAM/NTSC 3.58/NTSC 4.43/PAL 60
TV Function	TV-Standard	Analogue	CCIR (B/G, I, D/K, L, L')
		Digital	DVB-T (2K/8K OFDM)
	Receiving Channel	VHF/UHF	E2–E69ch, F2–F10ch, I21–I69ch, IR A–IR Jch, (Digital: E5-E69ch)
		CATV	Hyper-band, S1–S41ch
	TV-Tuning System		Auto Preset 99 ch, Auto Label, Auto Sort
	STEREO/BILINGUAL		NICAM/A2
Brightness			450 cd/m^2
Backlight life			60,000 hours (at Backlight Standard position)
Viewing angles			H : 170° V : 170°
Audio amplifier			10W x 2
Speakers			Ø 8 cm 2pcs, Ø 2.5 cm 2pcs
Terminals (AVC System)	Rear	ANTENNA IN	UHF/VHF 75 Ω Din type (Analogue)
		ANTENNA IN	UHF/VHF 75 Ω Din type (Digital)
		ANTENNA OUT	UHF/VHF 75 Ω Din type
		INPUT 1	SCART (AV input, RGB input, TV output)
		INPUT 2	SCART (AV input/output, Y/C input, AV Link)
		INPUT 3	SCART (AV input/output, Y/C input, RGB input), RCA pin (Component input)
		INPUT 5	Ø 3.5 mm jack (Audio input), DVI-I (DVI-I input)
		AV OUTPUT	RCA pin (AV output [Audio: Variable/Fixed])
		DC OUTPUT	DC9V 7W MAX
		SPEAKER-B	External speaker output terminal (L and R)
		CENTRE CHANNEL INPUT	RCA pin (Audio input)
		Digital-AUDIO OUTPUT	Square type optical digital audio connector (S/PDIF)
		C. I. (Common Interface)	EN50221, R206001
		RS-232C	D-sub 9pin male connector
	Front	INPUT 4	S-VIDEO (Y/C input), RCA pin (AV input)
		Headphones	Ø 3.5mm jack (Audio output)
		PC Card slot	PC Card Type II (PC Card Adapter)
OSD language			English/German/French/Italian/Spanish/Dutch/Swedish/Portuguese/Finnish/Turkish
Power Requirement			AC 220–240 V, 50 Hz
Power Consumption	AVC System		52 W (0.6 W Standby)
	Display		515 W (0.7 W Standby) (Method IEC60107)
Weight	AVC System		7.2 kg (w/o stand), 7.4 kg (with stand)
	Display		62.0 kg (Display only), 68.5 kg (with Display and speakers), 76.5 kg (with Display, speakers and stand)
Accessories			Operation manual, Remote control unit (x 1), System cable (x 1), AC cord (x 2), "AAA" size battery (x 2), AVC system stand unit (x 1), Cable clamp (x 4), Antenna cable (x 1), Cable tie (x 1), Stand hole cover (x 2)

- As a part of policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

Optional accessory

The listed optional accessory is available for the LCD colour TV. Please purchase them at your nearest shop.

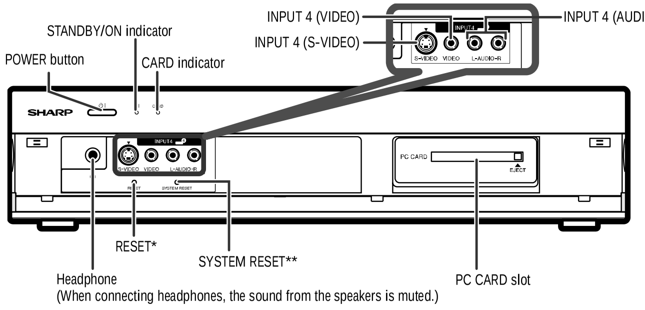
- Additional optional accessories may be available in near future. When purchasing, please read the newest catalogue for compatibility and check the availability.

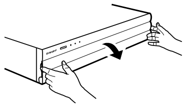
No.	Part name	Part number
1	Wall mount bracket	AN-65AG1

Operation Manual (TU-65GD1E)

AVC System

Front view


INPUT 4 (VIDEO)
INPUT 4 (S-VIDEO)
INPUT 4 (AUDIO L/R)
STANDBY/ON indicator
POWER button
CARD indicator
SHARP
PC CARD
EJECT
RESET*
SYSTEM RESET**
Headphone
(When connecting headphones, the sound from the speakers is muted.)
PC CARD slot



How to open the door.

* Press **RESET** if the system cannot return to its original state after performing various operations. This will reset the System as shown below.

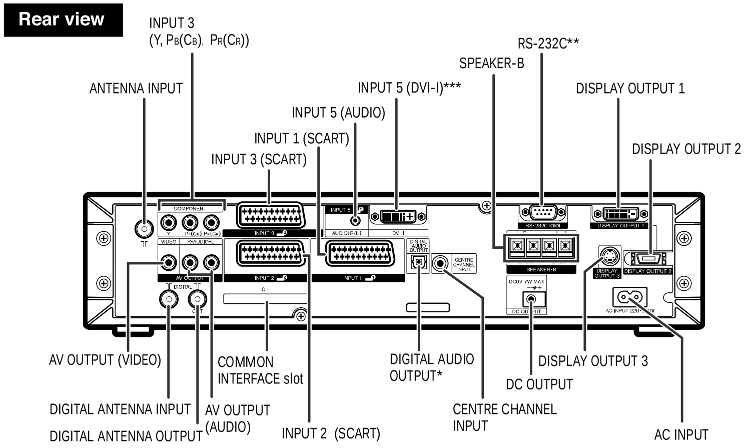
- AV MODE resets to USER.
- Analogue TV channel resets to channel 1.
- Dual screen resets to normal.
- Audio setting initialises.
- Dolby Virtual resets to Off.
- Image position is initialised.
- Still image mode deactivates.
- Teletext mode resets to normal.
- Speaker setting resets to SPEAKER-A.
- Audio Out setting resets to Fixed.
- Centre Channel Input setting resets to Off.
- Audio Only setting resets to Off.

** Press **SYSTEM RESET** if the system does not operate after starting up.

NOTE

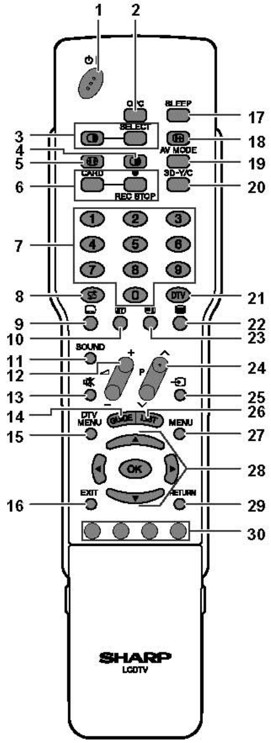
- Pressing **RESET** will not work if the System is in standby mode (indicator lights red).
- Pressing **RESET** will not delete channel preset and PIN. Operation manual for resetting the PIN when you know it. Operation manual for initialising to the factory preset values when you forget your PIN.

Rear view


INPUT 3
(Y, PB(CB), PR(CR))
ANTENNA INPUT
INPUT 3 (SCART)
INPUT 1 (SCART)
INPUT 5 (AUDIO)
INPUT 5 (DVI-I)***
SPEAKER-B
RS-232C**
DISPLAY OUTPUT 1
DISPLAY OUTPUT 2
AV OUTPUT (VIDEO)
DIGITAL ANTENNA INPUT
DIGITAL ANTENNA OUTPUT
AV OUTPUT
(AUDIO)
COMMON
INTERFACE slot
INPUT 2 (SCART)
DIGITAL AUDIO
OUTPUT*
CENTRE CHANNEL
INPUT
DC OUTPUT
DISPLAY OUTPUT 3
AC INPUT

*Connect a digital audio equipment.
**Provided for command from PC
***The AVC System is shipped with a terminal cover on INPUT 5 terminal.

Remote control unit


1
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24
25
26
27
28
29
30
OPC
SLEEP
SELECT
AV MODE
CARD
3D-Y/C
REC STOP
DTV
SOUND
P
MENU
DTV MENU
OK
EXIT
RETURN
SHARP
LCDTV

1 ⏻ | **(STANDBY/ON)**
To switch the power on and off.

2 **OPC**
To switch the Optical Picture Control on and off.

3 ◑ **(DUAL screen)**
Set the dual picture mode. Press ◑ again to return to normal view.

SELECT
To select either screen to be active in Dual screen mode.

4 **(FREEZE/HOLD)**
TV/External input mode: Change the still image mode.
TELETEXT mode: Freeze a multi-page on screen while other pages are automatically updated. Press again to return to the normal image.

5 **(WIDE MODE)**
TV/External input mode: Change the wide image mode.

TELETEXT mode: Set the area of magnification. (full/upper half/lower half)

6 **CARD**
Switch to the card mode.
Card mode: Press to turn the Card Control Panel on and off.

●**/REC STOP**
Still image: Press to capture a still image to a card after freezing the image from analogue broadcasts or external equipment.
Motion picture: Press to start/stop recording a motion picture to a card from analogue broadcasts or external equipment.

7 **0 – 9**
TV/DTV/External input mode: Set the channel.
TELETEXT mode: Set the page.

8 **(Flashback)**
Press to return to the previous image in normal viewing mode.

9 **(SUBTITLE for TELETEXT)**
TV/External input mode: To turn the subtitles on and off.
DTV input mode: Display the subtitle selection screen.

10 **(Reveal hidden for TELETEXT)**
TELETEXT mode: Display hidden characters.

11 **SOUND**
Select the sound multiplex mode.

12 **◿+/◿– (VOLUME)**
Set the volume.

13 🔇 **(MUTE)**
Mute the sound.

14 **GUIDE**
DTV input mode: To display EPG (Electronic Programme Guide) screen.

NOTE

- When using the remote control unit, point it at the Display.

15 **DTV MENU**
DTV input mode: Display the digital TV menu screen.

16 **EXIT**
Turn off the On Screen Display.

17 **SLEEP**
Set the Sleep timer.

18 **(DISPLAY INFORMATION)**
Display the programme information.

19 **AV MODE**
Select a video setting: AV MODE (STANDARD, MOVIE, GAME, USER, DYNAMIC), PC MODE (STANDARD, USER)

20 **3D–Y/C**
To switch the 3D Y/C function on and off.

21 **DTV**
Switch from the Digital-TV mode and other input source.
For example, when viewing an image from INPUT2, press DTV to switch to the Digital-TV mode. Press DTV again to return to INPUT2 screen.

22 **(TELETEXT)**
Select the TELETEXT mode. (all TV image, DTV/DATA image, all TEXT image, TV/TEXT image)

DTV input mode: Select DTV data broadcasting and TELETEXT.

23 **(TOP Overview for TELETEXT)**
TELETEXT mode: Display an index page for CEEFAX/FLOF information. TOP Overview for TOP programme.

24 **P∧/P∨**
TV/DTV input mode: Select the channel.
External input mode: Switch to either TV or DTV input mode.
TELETEXT mode: Select the page.

25 **(INPUT SOURCE)**
Select an input source. (TV, DTV, INPUT 1, INPUT 2, INPUT 3, INPUT 4, INPUT 5, CARD)

26 **LIST**
DTV input mode: Display the favourite digital programme list.

27 **MENU**
Display the menu screen.

28 **▲/▼/◀/▶ (Cursor)**
Select a desired item on the setting screen.
Select the programme information area when EPG is displayed.

OK
Execute a command.

29 **RETURN**
MENU mode: Return to the previous menu screen.

30 **Colour (RED/GREEN/YELLOW/BLUE)**
TELETEXT mode: Select a page.

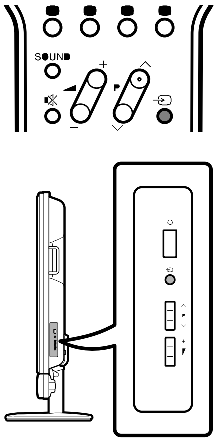
DTV input mode: The coloured buttons are used to select correspondingly to the coloured items in the menu screen.

Using external equipment

You can connect many types of external equipment to your System, like a decoder, VCR, DVD player, PC, game console and camcorder. To view external source images, select the input source using ⊕ on the remote control unit or on the Display.

Displaying an external equipment image

Explanation here is for the setting when connecting DVD to INPUT3 terminal.



CAUTION

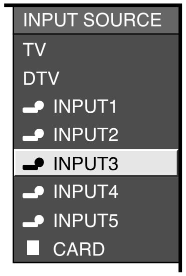
- To protect all equipment, always turn off the AVC System before connecting to a decoder, VCR, DVD player, PC, game console, camcorder or other external equipment.

NOTE

- Operation manual for external equipment connection.
- Please refer to the relevant operation manual (DVD player, PC, etc.) carefully before making connections.
- Each time ⊕ is pressed, the input source toggles.
- If the image does not come in clearly, you may need to change the input signal type setting on the “Input Select” menu.
- Refer to your external equipment operation manual for the signal type.

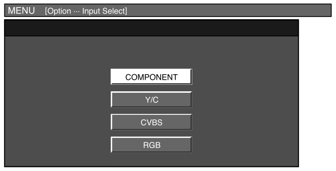
Displaying a DVD image (Example)

1 To watch a DVD image, select “INPUT3” from “INPUT SOURCE” menu using ⊕ on the remote control unit or on the Display.



2 Select the desired signal type on “Input Select” in the “Option” menu.

For INPUT3 signal

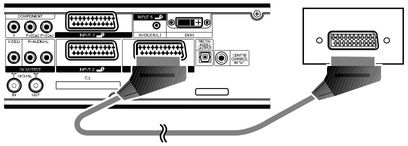


The setting is stored and can be selected on the “INPUT SOURCE” menu.

Connecting a decoder

You can use the INPUT 1 terminal when connecting a decoder and other audiovisual equipment.

AVC System (rear view) **Decoder**



SCART cable
(commercially available)

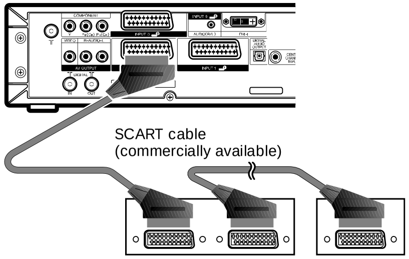
NOTE

- In cases when the decoder needs to receive signal from the System, make sure to set “Decoder” to “INPUT1” in the Programme Setup “Manual Adjust” menu.

Connecting a VCR

You can use the INPUT 2 terminal when connecting a VCR and other audiovisual equipment.
If your VCR supports TV-VCR advanced “AV Link” systems, you can connect the VCR to the INPUT 2 terminal on the AVC System using the fully-wired SCART cable.

AVC System (rear view)



SCART cable
(commercially available)

VCR **Decoder**

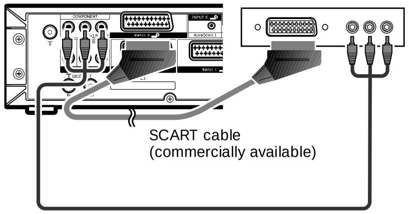
NOTE

- TV-VCR advanced “AV Link” systems may not be compatible with some external sources.
- It is recommended to connect to the INPUT 2 terminal when using a decoder for ground wave signal input with a VCR. If INPUT 2 signals preset in auto installation or programme setup, make sure to set “Decoder” to “INPUT2” in the Programme Setup “Manual Adjust” menu.

Connecting a DVD player

You can use the INPUT 3 terminal when connecting to a DVD player and other audiovisual equipment.

AVC System (rear view) **DVD player**



SCART cable
(commercially available)

Component cable
(commercially available)

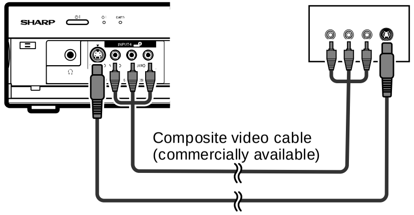
NOTE

- When using component cable, select “COMPONENT” from “Input Select” in the menu.

Connecting a game console or camcorder

A game console, camcorder and some other audiovisual equipment are conveniently connected using the INPUT 4 terminals.

AVC System (front view) **Game console/ Camcorder**



Composite video cable
(commercially available)

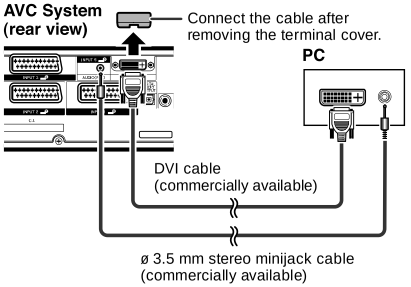
S-video cable
(commercially available)

NOTE

- The S-video terminal has priority over the video terminals.
- You can also connect the game console to INPUT 1 or 3 terminals to enjoy clearer picture.

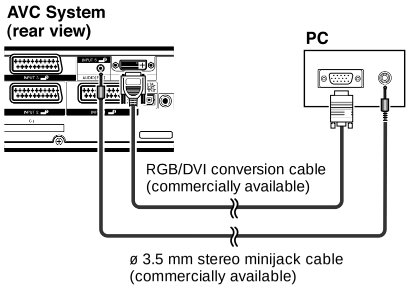
Connecting a PC

Use the INPUT5 terminals to connect a PC.


AVC System
(rear view)
Connect the cable after removing the terminal cover.
PC
DVI cable
(commercially available)
ø 3.5 mm stereo minijack cable
(commercially available)

NOTE

- The PC input terminals are DDC1/2B-compatible.
- Operation manual for a list of PC signals compatible with the System.

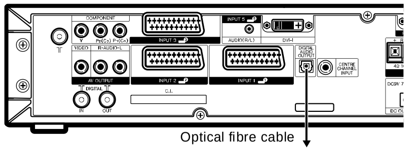


NOTE

- Macintosh adaptor may be required for use for some Macintosh computers.
- When connecting to a PC, the correct input signal type is automatically detected. If the PC image does not come in clearly, you may need to set the Auto Sync. adjustment in the "Setup" menu.

Using Digital Audio Output

It is possible to output audio through the DIGITAL AUDIO OUTPUT terminal.
PCM audio outputs from the terminal.



To optical digital input of external audio devices

Using AV Link function

This System incorporates four typical AV Link functions for smooth connections between AVC System and other audiovisual equipment.

NOTE

- Only works when the audiovisual equipment is connected to the INPUT 2 terminal on the AVC System with AV Link via a fully wired SCART.

One Touch Play

While the System is in standby mode, it automatically turns on and plays back the image from the audiovisual source (e.g. VCR, DVD).

System Standby

When the connected audiovisual equipment (e.g. VCR, DVD) enters standby mode, so does the System.

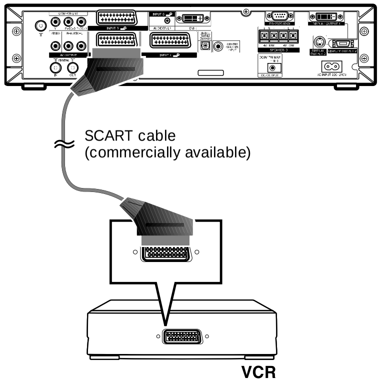
WYSIWYR (What You See Is What You Record)

When the remote control unit of the connected VCR has the WYSIWYR button, you can automatically start recording by pressing the WYSIWYR button.

Preset Download

Automatically transfers the channel preset information from the tuner on the System to the one on the connected audiovisual equipment (e.g. VCR) via the INPUT 2 terminal.

AVC System (rear view)



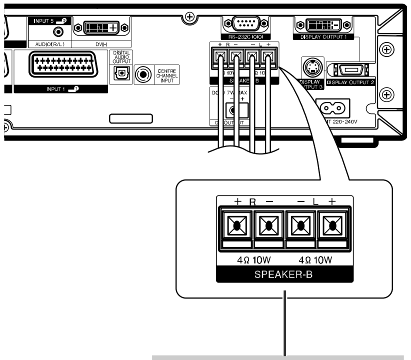
NOTE

- Refer to operation manuals of each external equipment for the details.
- The use of the AV-Link function is only possible if the TV-set has enforced a complete auto-installation with the connected audiovisual equipment (Initial auto installation). The availability of the AV-Link function depends on the audiovisual equipment used. Depending on the manufacturer and type of equipment used, it is possible that the described functions may be completely or partially unusable.

Speaker Setup

Connecting external speakers

Rear view

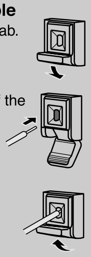


How to connect the speaker cable

1 Push down the tab.

2 Insert the end of the cable.

3 Lift the tab back up.



When using external speakers

- Change the speaker setting to "SPEAKER-B".

Make sure to connect the speaker terminal and cable polarity (+, -) properly.

- The speaker terminal has plus (+) and minus (-) polarity.
- Plus is red and minus is black.
- The cables are also divided into plus and minus.
- When connecting the left/right speakers, be sure to connect the plus/minus terminals with the correct cables.

NOTE

- Unplug the AC cord from the AC outlet before installing the speakers.

CAUTION

- Make sure external speakers have 4 ohm and 10 watt specifications.
- Connect the plus/minus terminals with the correct cables. Incorrect connection may cause a short.

Selecting speakers

You can output audio using the supplied speakers or other external speakers.

1 Press **MENU** and the MENU screen displays.

2 Press ◀/▶ to select "Setup".

3 Press ▲/▼ to select "Speaker Setup", and then press **OK**.

4 Press ▲/▼ to select "Speaker", and then press **OK**.

5 Press ◀/▶ to select "SPEAKER-A" or "SPEAKER-B", and then press **OK**.

Selected item	Description
SPEAKER-A	Speaker connected to the Display.
SPEAKER-B	Speaker connected to the AVC System.

External Audio Bypass

External Audio Bypass automatically optimises the audio quality to suit internal (supplied) speakers.

1 Repeat steps 1 to 3 in **Selecting speakers** above.

2 Press ▲/▼ to select "External Audio Bypass", and then press **OK**.

3 Press ◀/▶ to select "Yes" or "No", and then press **OK**.

Selected item	Description
No	Sets the optimum audio for the internal (supplied) speakers.
Yes	When you are using your own speakers, output the original sound without using External Audio Bypass.

NOTE

- External Audio Bypass is greyed out when Dolby Virtual is set to "On".
- External Audio Bypass is greyed out when Centre Channel Input is set to "On".
- When using external speakers (SPEAKER-B), make sure to set "External Audio Bypass" to "Yes".
- When Dolby Virtual is on, External Audio Bypass automatically sets to "Yes".

Appendix

Troubleshooting

Problem	Possible Solution
• No power.	• Make sure the Display and the AVC System are connected correctly. • Check if you pressed ⏻| on the remote control unit. If the indicator on the Display lights up red, press ⏻| . • Is the AC cord disconnected? • Has the main power been turned on?
• Unit cannot be operated.	• External influences such as lightning, static electricity, etc., may cause improper operation. In this case, operate the unit after first turning the power off the Display and the AVC System, or unplugging the AC cord and re-plugging it in after 1 or 2 minutes.
• Remote control unit does not operate.	• Are batteries inserted with polarity (– , +) aligned? • Are batteries worn out? (Replace with new batteries.) • Are you using it under strong or fluorescent lighting? • Is a fluorescent light illuminated to remote control sensor?
• Picture is cut off.	• Is the image position correct? • Are screen mode adjustments such as picture size made correctly?
• Strange colour, light colour, or dark, or colour misalignment.	• Adjust the picture tone. • Is the room too bright? The picture may look dark in a room that is too bright. • Check the colour system setting. • Check the input signal setting.
• Power is suddenly turned off.	• The unit's internal temperature has increased. Remove any objects blocking vent or clean. • Check the power control setting. • Is sleep timer set?
• No picture.	• Is connection to other components correct? • Has input signal setup been done correctly after connection? • Is the correct input selected? • Is a non-compatible signal being input • Is picture adjustment correct? • Is the antenna connected properly? • Is "On" selected in "Audio Only"?
• No sound.	• Is the volume too low? • Is "Variable" selected in "Audio Out"? • Is the speaker connected properly? • Is correct speaker output ("SPEAKER-A" or "SPEAKER-B") selected in "Speaker"? • Is "On" selected in "Centre Channel Input"? • Make sure that headphones are not connected.
• The DTV menu screen is displayed in monochrome and hard to select the item.	• Check if "Monochrome" is set to "On". If so, set it to "Off".

Cautions regarding use in high and low temperature environments

- When the unit is used in a low temperature space (e.g. room, office), the picture may leave trails or appear slightly delayed. This is not a malfunction, and the unit will recover when the temperature returns to normal.
- Do not leave the unit in a hot or cold location. Also, do not leave the unit in a location exposed to direct sunlight or near a heater, as this may cause the cabinet to deform and the LCD panel to malfunction.
  Storage temperature: –20°C to +60°C (–4°F to +140°F).

PC compatibility chart

PC/MAC	Resolution		Horizontal Frequency	Vertical Frequency	VESA Standard
PC	VGA	640 x 400	31.5 kHz	60 Hz	
			37.9 kHz	85 Hz	O
		720 x 400	31.5 kHz	60 Hz	
			37.9 kHz	85 Hz	O
		640 x 480	31.5 kHz	60 Hz	O
			37.9 kHz	72 Hz	O
			37.5 kHz	75 Hz	O
			43.3 kHz	85 Hz	O
	WVGA	848 x 480	31.5 kHz	60 Hz	
	SVGA	800 x 600	35.1 kHz	56 Hz	O
			37.9 kHz	60 Hz	O
			48.1 kHz	72 Hz	O
			46.9 kHz	75 Hz	O
			53.7 kHz	85 Hz	O
	XGA	1024 x 768	48.4 kHz	60 Hz	O
			56.5 kHz	70 Hz	O
			60.0 kHz	75 Hz	O
			68.7 kHz	85 Hz	O
	WXGA	1280 x 720	45.0 kHz	60 Hz	
		1280 x 768	48.1 kHz	60 Hz	
		*1366 x 768	48.4 kHz	60 Hz	
	SXGA	1280 x 1024	64.0 kHz	60 Hz	O
MAC13"	VGA	640 x 480	34.9 kHz	67 Hz	
MAC16"	SVGA	832 x 624	49.7 kHz	75 Hz	
MAC19"	XGA	1024 x 768	60.2 kHz	75 Hz	

* 1366 x 768 (resolution) only applies to Analogue signal (NOT compatible with Digital signal).

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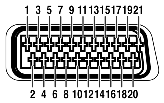
Power Management is a registered trademark of Sun Microsystems, Inc.
VGA and XGA are registered trademarks of International Business Machines Co., Inc.

Connecting pin assignments for SCART

Various audio and video devices may be connected via the SCART terminals.



SCART (INPUT 1)

1. Audio right output (TV Monitor out)
2. Audio right input
3. Audio left output (TV Monitor out)
4. Common earth for audio
5. Earth for blue
6. Audio left input
7. Blue input
8. Audio-video control
9. Earth for green
10. Not used
11. Green input
12. Not used
13. Earth for red
14. Not used
15. Red input
16. Red/Green/Blue control
17. Earth for video
18. Earth for Red/Green/Blue control
19. Video output (TV Monitor out)
20. Video input
21. Plug shield

SCART (INPUT 2)

1. Audio right output
2. Audio right input
3. Audio left output
4. Common earth for audio
5. Earth
6. Audio left input
7. Not used
8. Audio-video control
9. Earth
10. AV LINK control
11. Not used
12. Not used
13. Earth
14. Not used
15. Chroma S-Video input
16. Not used
17. Earth for video
18. Earth
19. TV Monitor output
20. Video input/S-video input
21. Plug shield

SCART (INPUT 3)

1. Audio right output
2. Audio right input
3. Audio left output
4. Common earth for audio
5. Earth
6. Audio left input
7. Blue input
8. Audio-video control
9. Earth
10. Not used
11. Green input
12. Not used
13. Earth
14. Not used
15. Red input/Chroma S-Video input
16. Red/Green/Blue control
17. Earth for video
18. Earth
19. TV Monitor output
20. Video input/S-video input
21. Plug shield

RS-232C port specifications

PC Control of the System

- When a program is set, the display can be controlled from the PC using the RS-232C terminal. The input signal (PC/video) can be selected, the volume can be adjusted and various other adjustments and settings can be made, enabling automatic programmed playing.

- Attach an RS-232C cable cross-type (commercially available) to the supplied Din/D-sub RS-232C for the connections.

NOTE

- This operation system should be used by a person who is accustomed to using PCs.

Communication conditions

Set the RS-232C communications settings on the PC to match the display's communications conditions. The display's communications settings are as follows:

Baud rate:	9,600 bps
Data length:	8 bits
Parity bit:	None
Stop bit:	1 bit
Flow control:	None

Communication procedure

Send the control commands from the PC via the RS-232C connector. The Display operates according to the received command and sends a response message to the PC.
Do not send multiple commands at the same time. Wait until the PC receives the OK response before sending the next command.

Command format

Eight ASCII codes e CR

C1	C2	C3	C4	P1	P2	P3	P4	↵

Command 4-digits Parameter 4-digits Return code

Command 4-digits: Command. The text of four characters.
Parameter 4-digits: Parameter 0 – 9, x, blank, ?

Parameter

Input the parameter values, aligning left, and fill with blank(s) for the remainder. (Be sure that four values are input for the parameter.)
When the input parameter is not within an adjustable range, "ERR" returns. (Refer to "Response code format".)
No problem to input any numerical value for "x" on the table.

0			
0	0	0	9
–	3	0	
1	0	0	
0	0	5	5

When "?" is input for some commands, the present setting value responds.

?			
?	?	?	?

Response code format

Normal response

O	K	↵

Return code (0DH)

Problem response (communication error or incorrect command)

E	R	R	↵

Return code (0DH)

Commands

CONTROL ITEM	COMMAND				PARAMETER				CONTROL CONTENTS
POWER SETTING	P	O	W	R	0	_	_	_	POWER OFF (STANDBY)
INPUT SELECTION A	I	T	G	D	x				INPUT SWITCHING (TOGGLE)
	I	T	V	D	x	_	_	_	TV (CHANNEL FIXED)
	I	D	T	V	x	_	_	_	DTV (CHANNEL FIXED)
	I	A	V	D	*	_	_	_	INPUT1 – 5 (1 – 5)
	I	C	R	D	x				CARD
CHANNEL	D	C	C	H	*	*	_	_	TV DIRECT CHANNEL (1 – 99)
	C	H	U	P	x				CHANNEL UP
	C	H	D	W	x				CHANNEL DOWN
	D	T	V	D	*	*	*	_	DTV DIRECT CHANNEL (1 – 999)
	D	T	U	P	x				DTV CHANNEL UP
	D	T	D	W	x				DTV CHANNEL DOWN
INPUT SELECTION B	I	N	P	1	0	_	_	_	INPUT1 (CVBS)
	I	N	P	1	1	_	_	_	INPUT1 (RGB)
	I	N	P	2	0	_	_	_	INPUT2 (CVBS)
	I	N	P	2	1	_	_	_	INPUT2 (Y/C)
	I	N	P	3	0	_	_	_	INPUT3 (CVBS)
	I	N	P	3	1	_	_	_	INPUT3 (Y/C)
	I	N	P	3	2	_	_	_	INPUT3 (RGB)
	I	N	P	3	3	_	_	_	INPUT3 (COMPONENT)
	I	N	P	4	0	_	_	_	INPUT4 (AUTO)
	I	N	P	4	1	_	_	_	INPUT4 (S-VIDEO)
	I	N	P	4	2	_	_	_	INPUT4 (VIDEO)
	I	N	P	5	0	_	_	_	Digital PC
	I	N	P	5	1	_	_	_	Analogue PC
	I	N	P	5	2	_	_	_	Digital AV
	I	N	P	5	3	_	_	_	Analogue AV
AV MODE SELECTION	A	V	M	D	0	_	_	_	TOGGLE
	A	V	M	D	1	_	_	_	STANDARD
	A	V	M	D	2	_	_	_	MOVIE
	A	V	M	D	3	_	_	_	GAME
	A	V	M	D	4	_	_	_	USER
	A	V	M	D	5	_	_	_	DYNAMIC
VOLUME	V	O	L	M	*	*	_	_	VOLUME (0 – 60)
POSITION	H	P	O	S	*	*	*	_	H-POSITION (AV) (–10 – + 10)
	H	P	O	S	*	*	*	_	H-POSITION (PC) (0 – 180)
	V	P	O	S	*	*	*	_	V-POSITION (AV) (− 20 – + 20)
	V	P	O	S	*	*	*	_	V-POSITION (PC) (0 – 100)
	C	L	C	K	*	*	*	_	CLOCK (0 – 180)
	P	H	S	E	*	*	*	_	PHASE (0 – 40)
WIDE MODE	W	I	D	E	0	_	_	_	TOGGLE (AV)
	W	I	D	E	1	_	_	_	NORMAL (AV)
	W	I	D	E	2	_	_	_	ZOOM 14:9 (AV)
	W	I	D	E	3	_	_	_	PANORAMA (AV)
	W	I	D	E	4	_	_	_	FULL (AV)
	W	I	D	E	5	_	_	_	CINEMA 16:9 (AV)
	W	I	D	E	6	_	_	_	CINEMA 14:9 (AV)
	W	I	D	E	7	_	_	_	NORMAL (PC)
	W	I	D	E	8	_	_	_	CINEMA (PC)
	W	I	D	E	9	_	_	_	FULL (PC)
	W	I	D	E	1	0	_	_	DOT BY DOT (AV/PC)
MUTE	M	U	T	E	0	_	_	_	TOGGLE
	M	U	T	E	1	_	_	_	MUTE
	M	U	T	E	2	_	_	_	MUTE OFF
DOLBY VIRTUAL	A	C	D	V	0	_	_	_	TOGGLE
	A	C	D	V	1	_	_	_	ON
	A	C	D	V	2	_	_	_	OFF
DUAL SCREEN	T	W	I	N	0	_	_	_	DUAL SCREEN OFF
	T	W	I	N	1	_	_	_	DUAL SCREEN ON
AUDIO CHANGE	A	C	H	A	x				TOGGLE
SLEEP TIMER	O	F	T	M	0	_	_	_	OFF
	O	F	T	M	1	_	_	_	SLEEP TIMER 30 MIN
	O	F	T	M	2	_	_	_	SLEEP TIMER 1 HOUR
	O	F	T	M	3	_	_	_	SLEEP TIMER 1 HOUR 30 MIN
	O	F	T	M	4	_	_	_	SLEEP TIMER 2 HOUR
	O	F	T	M	5	_	_	_	SLEEP TIMER 2 HOUR 30 MIN
TEXT	T	E	X	T	0	_	_	_	TEXT OFF
	T	E	X	T	1	_	_	_	TEXT ON (TOGGLE)
	D	C	P	G	*	*	*	_	DIRECT PAGE JUMP (100 – 899)

NOTE

- If an underbar (_) appears in the parameter column, enter a space.
- If an asterisk (*) appears, enter a value in the range indicated in brackets under CONTROL CONTENTS.

TV/AV input mode menu items

List of AV menu items to help you with operations

Picture

- OPC
- Backlight
- Contrast
- Brightness
- Colour
- Tint
- Sharpness
- Advanced
  - C.M.S.
  - Colour Temp.
  - Sharpness Enhancement
  - Automatic Contrast
  - I/P Setting
  - Film Mode
  - 3D-Y/C
  - Monochrome

Audio

- Treble
- Bass
- Balance
- Dolby Virtual

Power Control

- No Signal Off
- No Operation Off

Setup

- Auto Installation
- Programme Setup
- Child Lock
- Input Label
- Speaker Setup
- Position
- WSS
- 4:3 Mode
- Rotate
- Language

Option

- Audio Only
- 3D-NR
- Mosquito Noise Reduction
- Input Select
- Audio Out
- Quick Shoot
- Colour System
- Centre Channel Input
- Standby Recording

PC input mode menu items

List of PC menu items to help you with operations

Picture

- OPC
- Backlight
- Contrast
- Brightness
- Red
- Green
- Blue
- Advanced
  - C.M.S.
  - Sharpness Enhancement

Audio

- Treble
- Bass
- Balance
- Dolby Virtual

Power Control

- Power Management

Setup

- Input Label
- Speaker Setup
- Input Signal
- Auto Sync.
- Fine Sync.
- Rotate
- Language

Option

- Audio Only
- Input Select
- Audio Out
- Quick Shoot
- Centre Channel Input
- Standby Recording

Basic adjustment settings (Digital)

DTV input mode menu items

List of DTV menu items to help you with operations.
Numbers within brackets indicate the page where the topic is explained.

- Guide (RED)
  - Theme
  - Mode
- Setup (GREEN)
  - Service lists
    - Service list type
    - TV service lists
      - Rearrange TV services
      - New TV services
      - Installed TV services
      - Uninstalled TV services
    - Radio services lists
      - Rearrange radio services
      - New radio services
      - Installed radio services
      - Uninstalled radio services
  - System setting
    - Languages
      - Audio
      - Subtitle
      - Teletext
    - Time Zone
    - Banner duration
  - Installation
    - Country 🔒
    - Service scan
      - Search 🔒
      - Found TV services
      - Found radio services
      - Store
      - Discard
    - Reinstall all services 🔒
    - System software
    - Software download
  - Access restrictions
    - Maturity rating 🔒
    - TV services 🔒
    - Radio services 🔒
- Preference (BLUE)
  - Audio lang.
  - Subtitle lang.

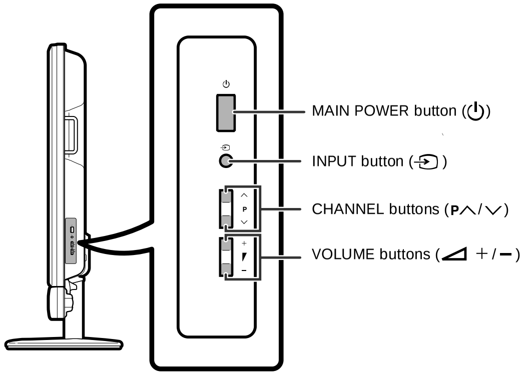
NOTE

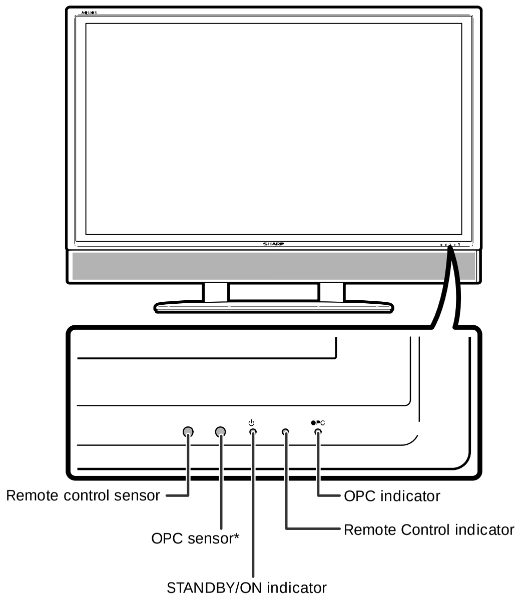
- 🔒 mark indicates in some cases PIN input may be required.
- The illustrations and on-screen displays in this manual are for explanation purposes and may vary slightly from the actual operations.

Operation Manual (LC-65GD1E)

Part names

Display


MAIN POWER button (⏻)
INPUT button (⇥)
CHANNEL buttons (P∧/∨)
VOLUME buttons (◢ +/−)


Remote control sensor
OPC sensor*
STANDBY/ON indicator
OPC indicator
Remote Control indicator

*OPC: Optical Picture Control

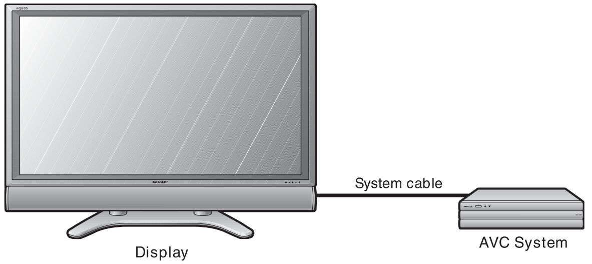
Preparation

Where to place the System

“System” means the Display and AVC System. First select the location where to place the System.

1 Selecting the location of the System

- The Display and the AVC System are connected by the system cable.
- Select a place with no direct sunlight and good ventilation.


System cable
Display
AVC System

2 Setting the System in place

Handling the Display

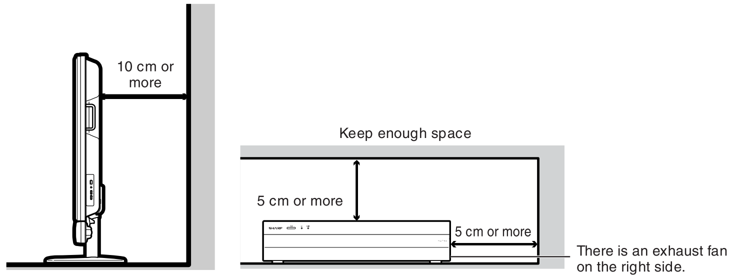
CAUTION

- When using the TV with the supplied stand attached, do not remove the speaker. Doing so may disturb the balance leading to product damage or personal injury.
- Do not remove the stand and speaker from the Display unless using an optional bracket to mount it.
- Keep enough space above and behind the Display.
- When you move the System, carry it by two or more people.
- When you move the Display, hold the rear handle of the Display, not the LCD panel.

Handling the AVC System

CAUTION

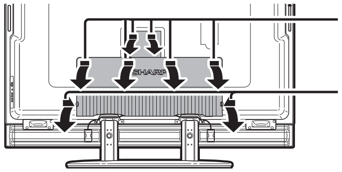
- Do not put a VCR or other device on the AVC System.
- Keep enough space above and on the sides of the AVC System.
- Do not block the ventilation openings on the top and left side, and the exhaust fan on the right side.
- Do not spread a thick cloth beneath the AVC System, or cover it with one, as this can cause overheating and result in malfunction.


10 cm or more
Keep enough space
5 cm or more
5 cm or more
There is an exhaust fan on the right side.

Setting the System

After putting the Display and the AVC System in place, connect the system cables and AC cords. Use the cable clamps for bundling the cables.

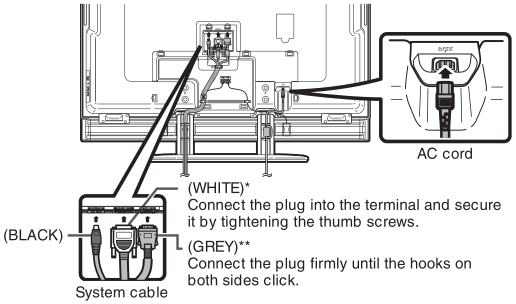
1 Removing the terminal cover



Press down the six upper hooks to remove the cover toward you.

Press the two hooks toward the centre of the Display and remove the cover toward you.

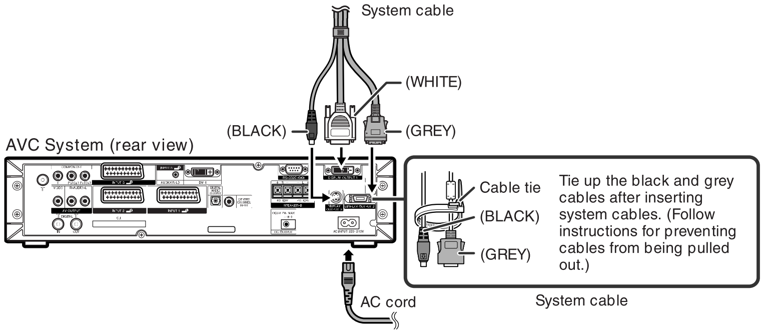
2 Connecting the system cable and the AC cord to the Display



(WHITE)*
Connect the plug into the terminal and secure it by tightening the thumb screws.

(GREY)**
Connect the plug firmly until the hooks on both sides click.

3 Connecting the system cable and the AC cord to the AVC System



Tie up the black and grey cables after inserting system cables. (Follow instructions for preventing cables from being pulled out.)

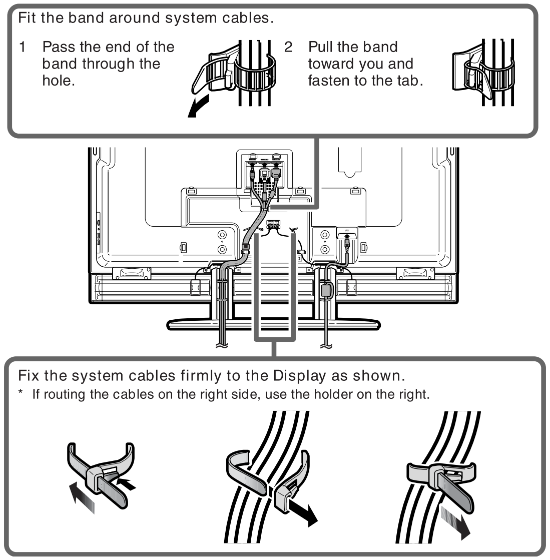
CAUTION

- TO PREVENT RISK OF ELECTRIC SHOCK, DO NOT TOUCH UN-INSULATED PARTS OF ANY CABLES WITH THE AC CORD CONNECTED.
- To comply with the requirements of the CE regulation rules, make sure to attach the terminal cover to the rear of the display with all the system cables connected before you use this product.

NOTE

* When you unplug the WHITE system cable, make sure you unscrew the screws thoroughly before unplugging the cable.
** When you unplug the GREY system cable, press the hooks on both sides of the cable inward as you unplug the cable gently.

4 Attaching the clamp and bundling the cables with the clamp



Fit the band around system cables.

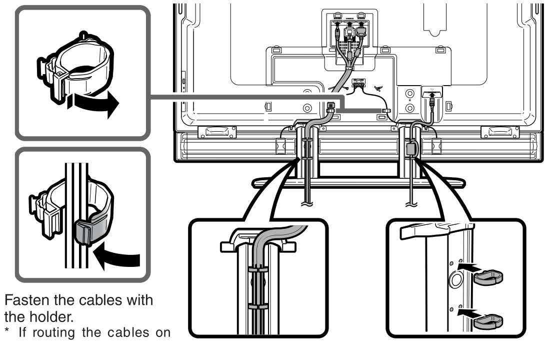
1 Pass the end of the band through the hole.

2 Pull the band toward you and fasten to the tab.

Fix the system cables firmly to the Display as shown.

* If routing the cables on the right side, use the holder on the right.

5



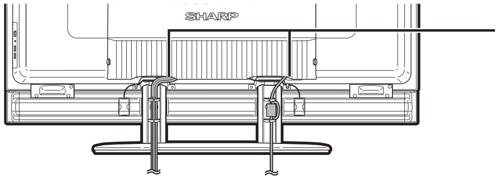
Fasten the cables with the holder.

* If routing the cables on the right side, use the holder on the right.

Cable clamp

Insert the cable clamp in the hole on the Display as shown.

6 Closing the terminal cover



Cables come out from the small opening.

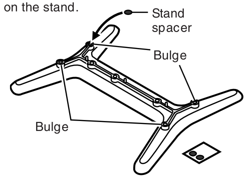
Setting the AVC System with the stand

How to install the AVC System vertically using the stand unit.

- Use the supplied stand unit for installing the AVC System vertically in an upright position.

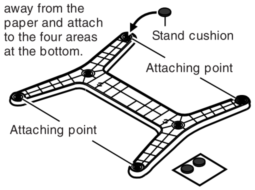
1 Stick each spacer to the stand as shown.

Peel each spacer away from the paper and attach to the four bulging areas on the stand.



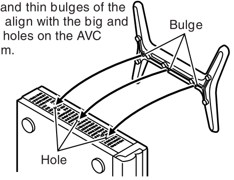
2 Attach each cushion to the stand as shown.

Peel each cushion away from the paper and attach to the four areas at the bottom.

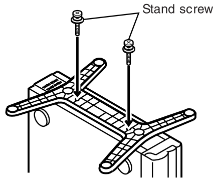


3 Fit the stand to the AVC System.

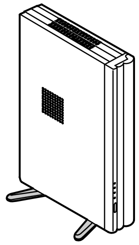
Insert the stand into the AVC System, making sure that the thick and thin bulges of the stand align with the big and small holes on the AVC System.



4 Attach the stand using the stand screws as shown.



The AVC System installed vertically with the stand.



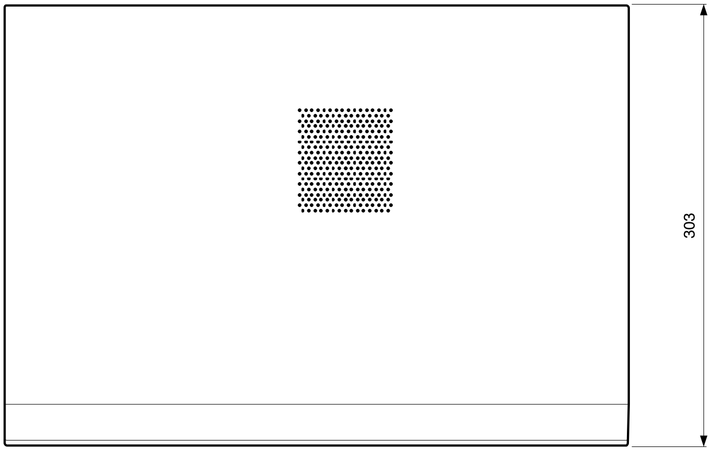
NOTE

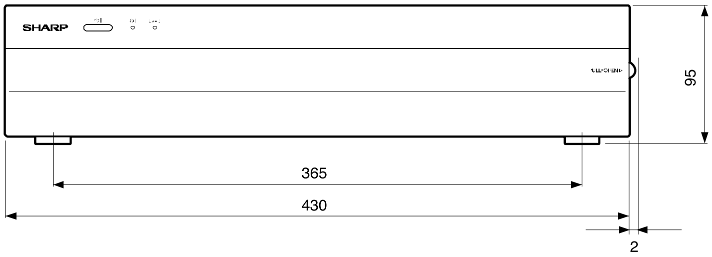
- When mounting the AVC System vertically, always use the supplied stand. Be careful not to block vent holes when standing up directly on the floor or a flat surface as this can result in equipment failure.

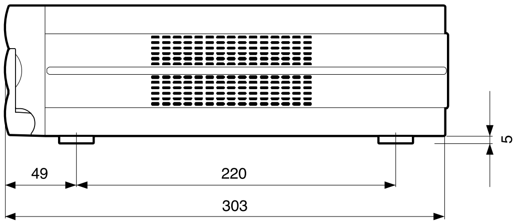
Dimensions

AVC System

Unit:mm

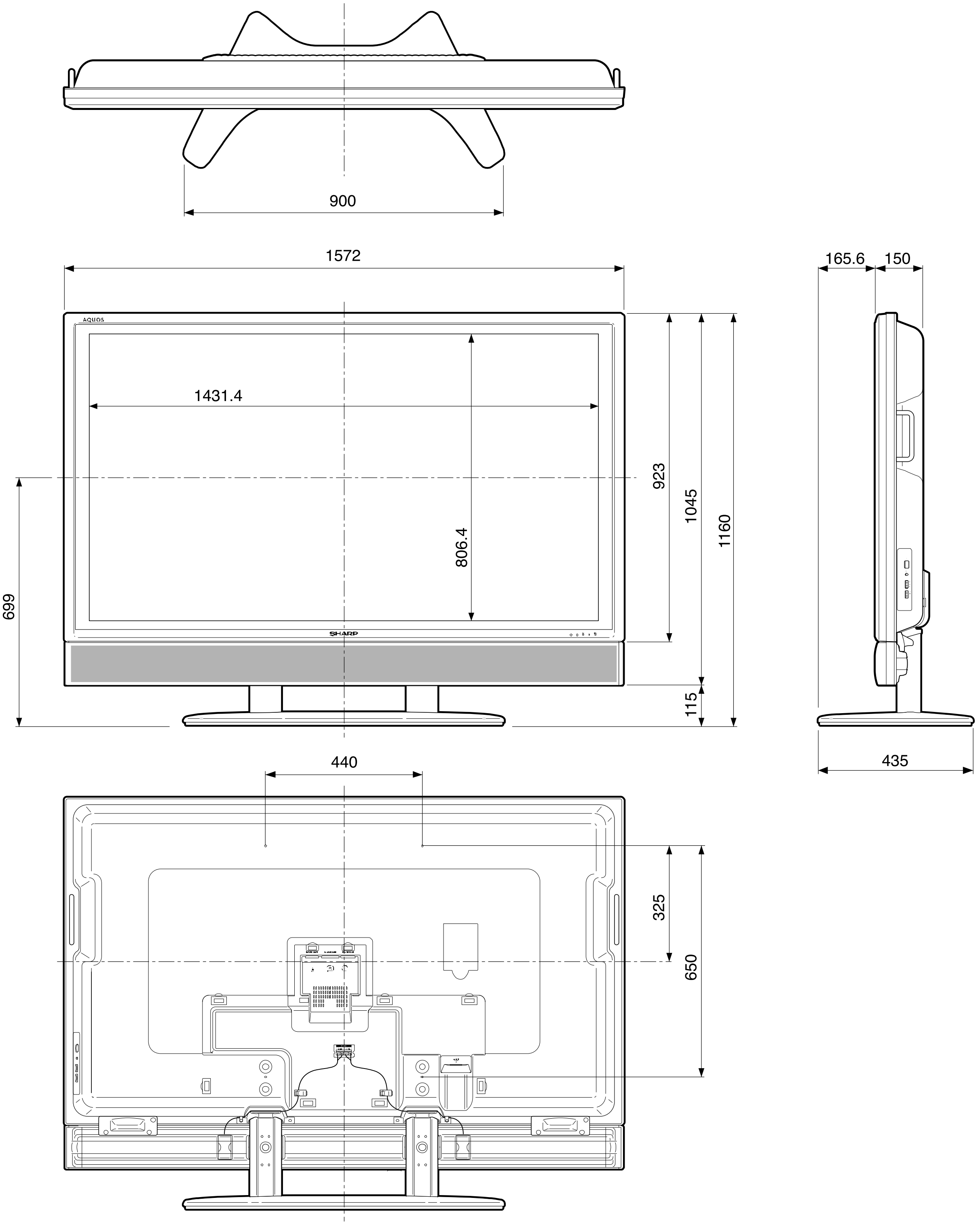



SHARP
95
365
430
2



Display

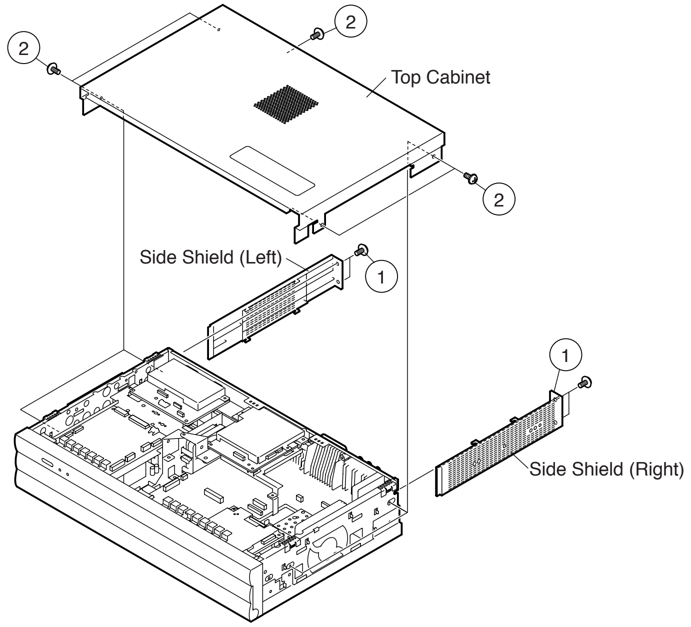
Unit:mm

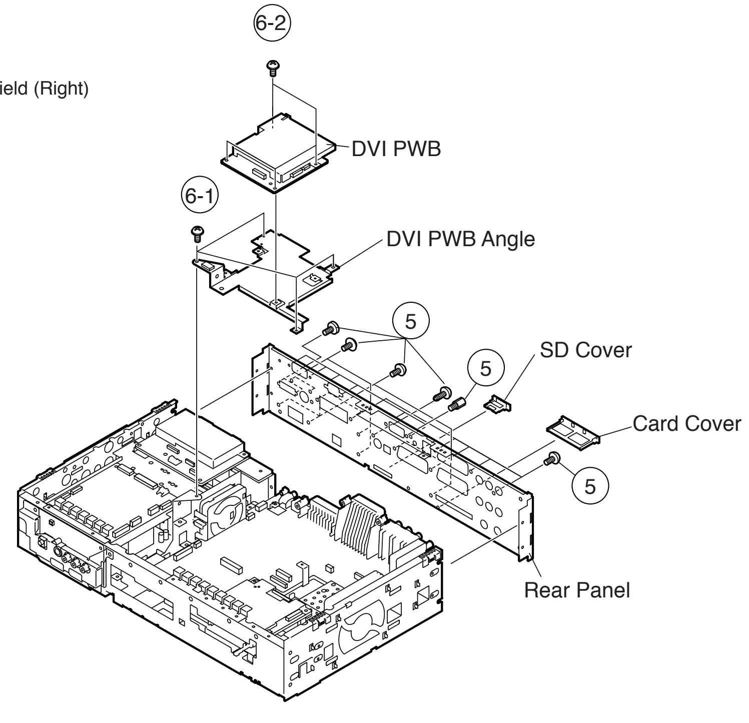

900
1572
AQUOS
1431.4
806.4
SHARP
923
1045
1160
699
115
165.6
150
435
440
325
650

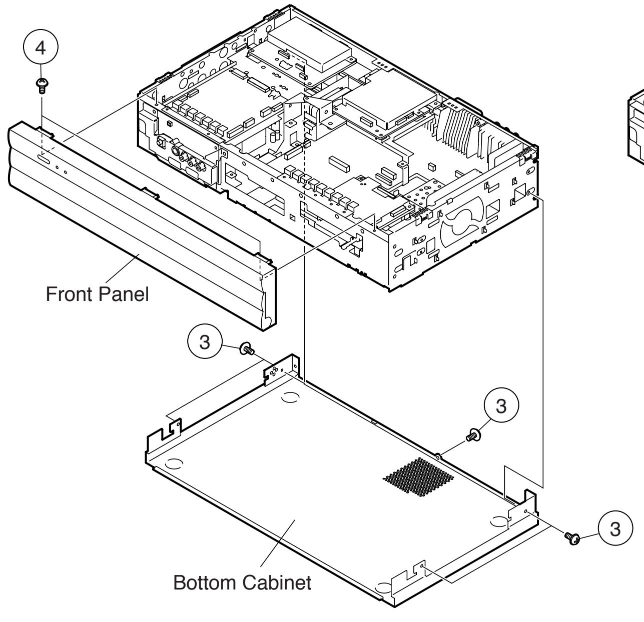
REMOVING OF MAJOR PARTS

(TU-65GD1E)

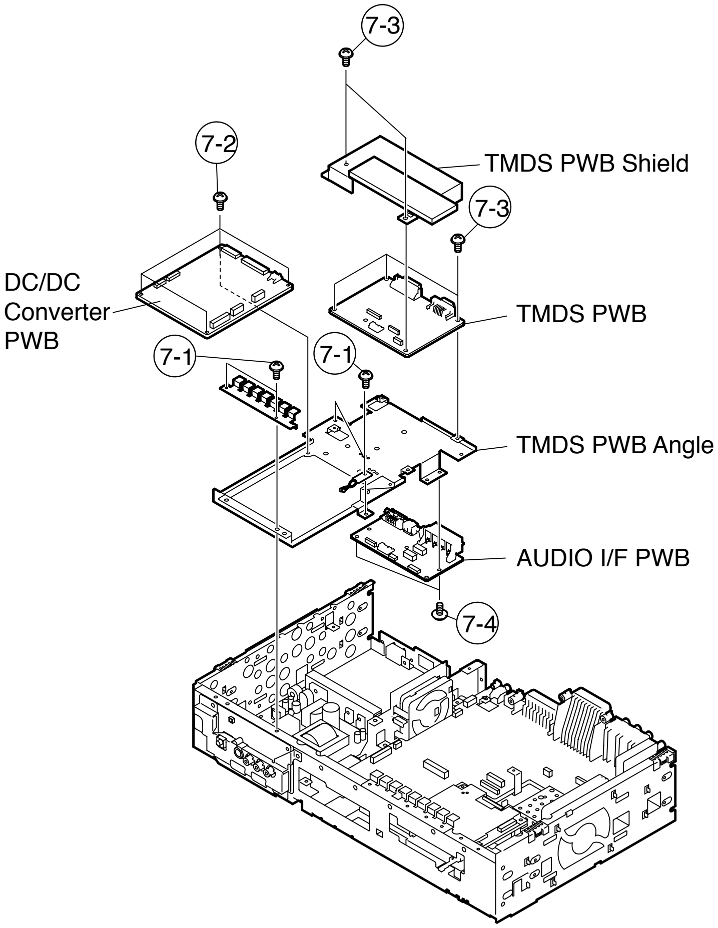
1. Remove the two lock screws from each of the right and left Side Shield, and detach the Side Shield by sliding them backward.
2. Remove the five lock screws from the Top Cabinet, and detach the cabinet by sliding it backward.
3. Remove the five lock screws from the Bottom Cabinet, and detach the cabinet by sliding it backward.
4. Remove the tow lock screws from the Front Panel, and detach the panel.
5. Remove the lock screws and six hexagon shaft screws from the Rear Panel, and detach the Rear Panel.
6. Remove the DVI PWB.
   - 6-1. Remove the four lock screws from the DVI PWB Angle.
   - 6-2. Remove the four lock screws from the DVI PWB.

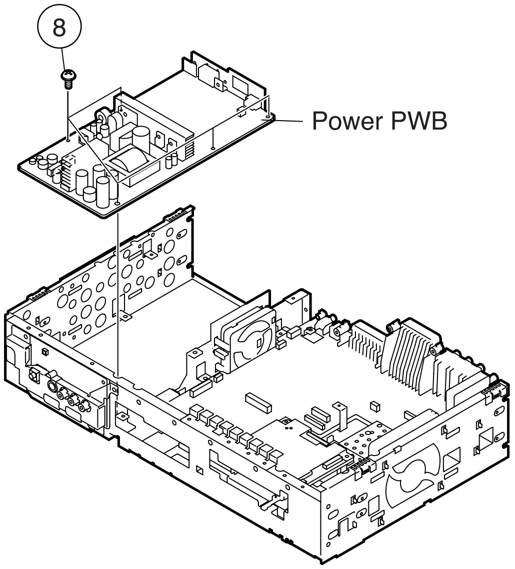

②
②
Top Cabinet
②
Side Shield (Left)
①
①
Side Shield (Right)

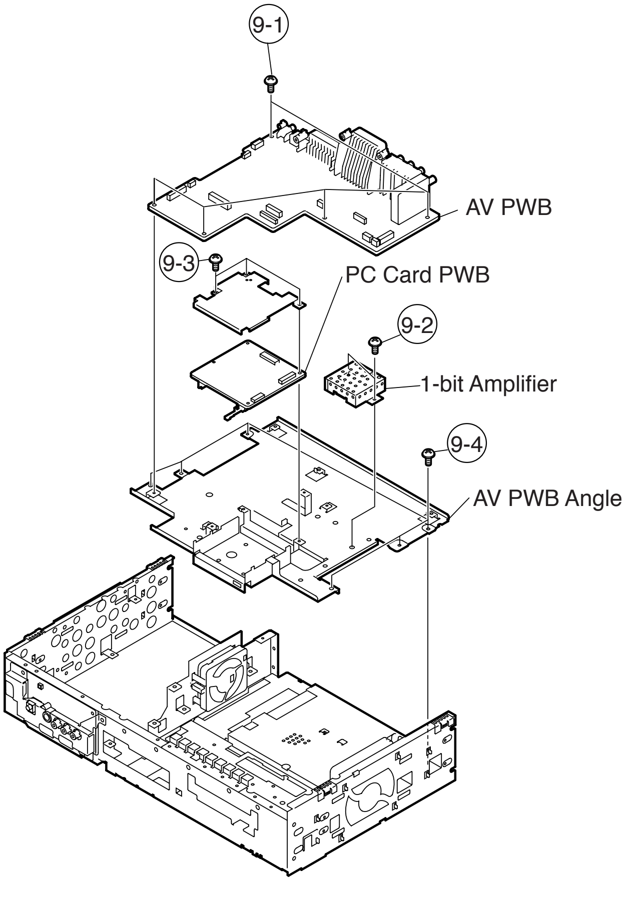

6-2
DVI PWB
6-1
DVI PWB Angle
⑤
⑤
SD Cover
Card Cover
⑤
Rear Panel


④
Front Panel
③
③
③
Bottom Cabinet

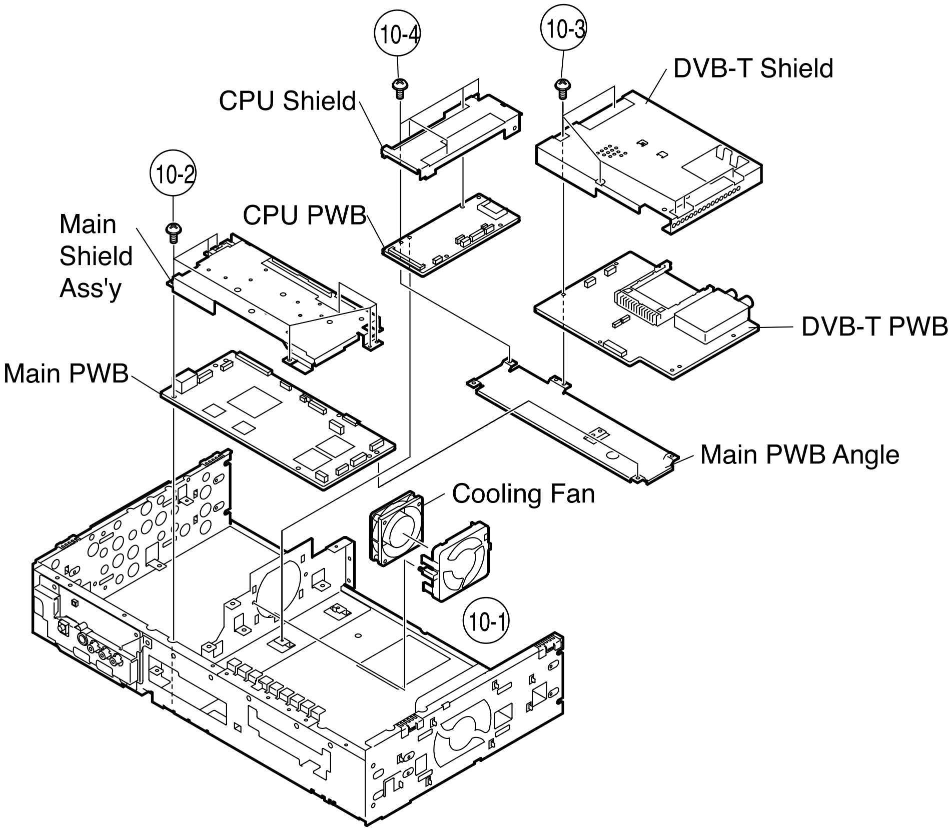
7. Remove the DC/DC Converter PWB, TMDS PWB and AUDIO I/F PWB.
   7-1. Remove the four lock screws from the TMDS PWB angle.
   7-2. Remove the four lock screws from the DC/DC Converter PWB.
   7-3. Remove the four lock screws from the TMDS PWB.
   7-4. Remove the two lock screws from the AUDIO I/F PWB.
8. Remove the five lock screws from the Power PWB.
9. Remove the AV PWB, PC Card PWB and 1-bit amplifier.
   9-1. Remove the five lock screws from the AV PWB.
   9-2. Remove the two lock screws from the 1-bit amplifier.
   9-3. Remove the three lock screws from PC Card PWB.
   9-4. Remove the six lock screws from AV PWB Angle.

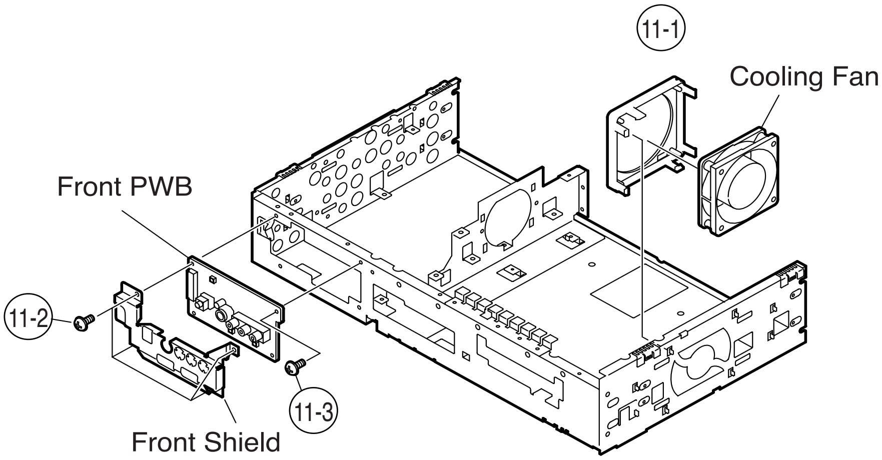

7-3
7-2
TMDS PWB Shield
7-3
DC/DC Converter PWB
TMDS PWB
7-1
7-1
TMDS PWB Angle
AUDIO I/F PWB
7-4




9-1
AV PWB
9-3
PC Card PWB
9-2
1-bit Amplifier
9-4
AV PWB Angle

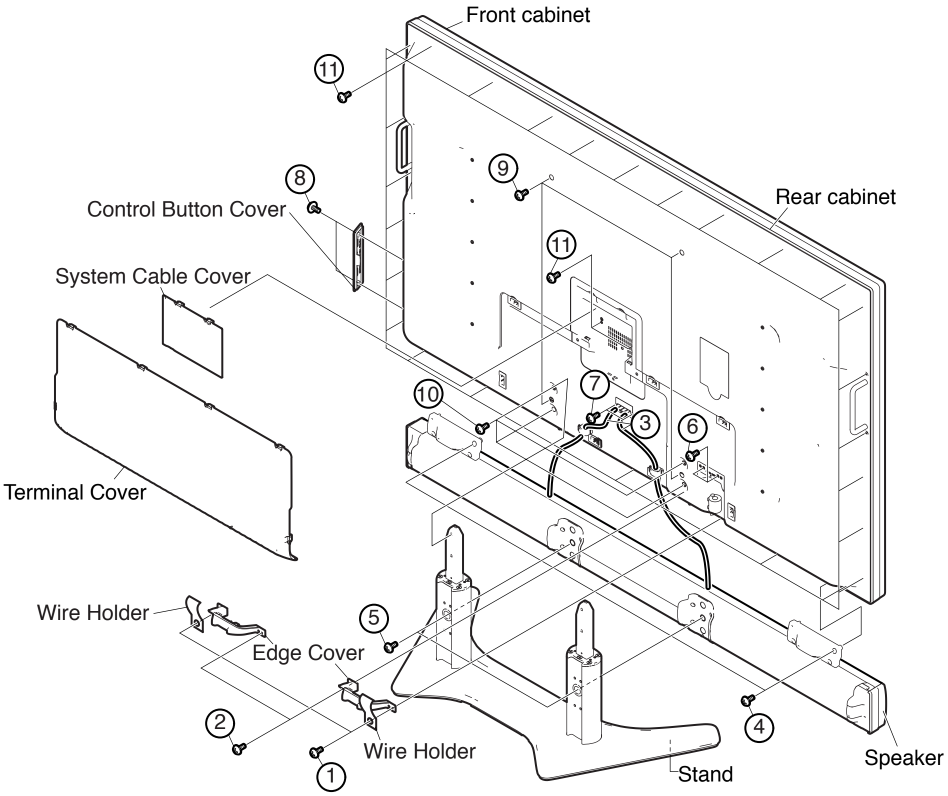
10. Remove the Cooling Fan (large), MAIN PWB and CPU PWB.
    - 10-1. Detach the Cooling Fan (large).
    - 10-2. Remove the seven lock screws from the Main PWB.
    - 10-3. Remove the six lock screws from the DVB-T PWB.
    - 10-4. Remove the five lock screws from the CPU PWB.
11. Remove the Cooling Fan (small) and Front PWB.
    - 11-1. Detach the Cooling Fan (small).
    - 11-2. Remove the four lock screws from the Front Shield.
    - 11-3. Remove the one lock screw from the Front PWB.

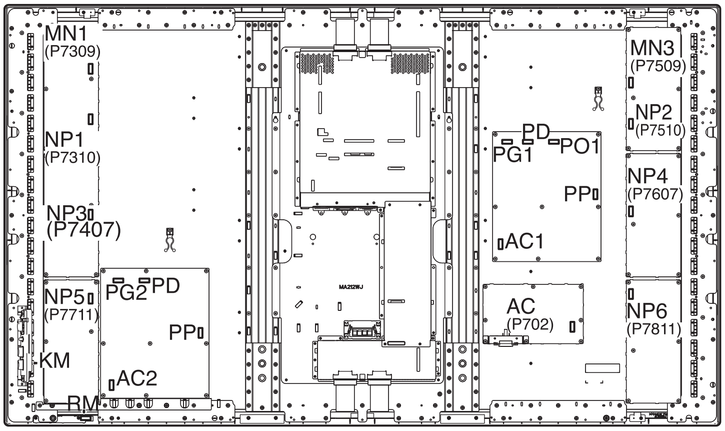

10-4
10-3
DVB-T Shield
CPU Shield
10-2
Main
Shield
Ass'y
CPU PWB
DVB-T PWB
Main PWB
Main PWB Angle
Cooling Fan
10-1


11-1
Cooling Fan
Front PWB
11-2
11-3
Front Shield

(LC-65GD1E)

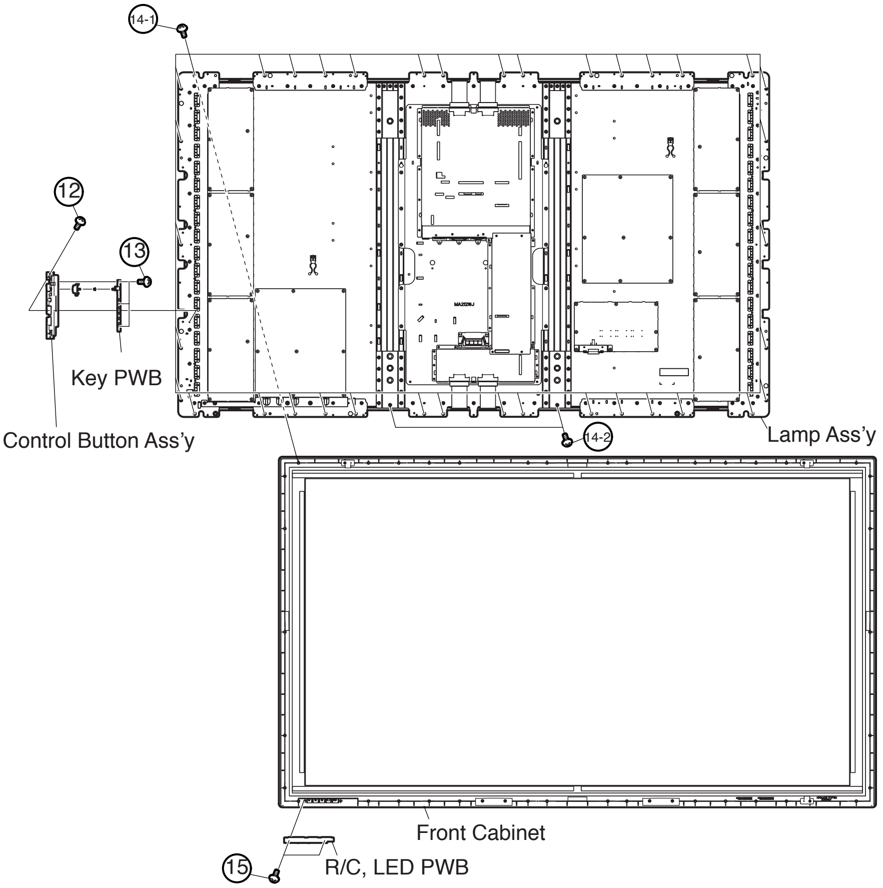
1. Remove the System Cable Cover and the Terminal Cover.
2. Remove the 2 lock screws ① and detach the Right and left Wire Holders.
3. Remove the 2 lock screws ② and detach the Edge Cover.
4. Remove the 2 Speaker Cables ③.
5. Remove the 2 lock screws ④ and 2 lock screws ⑤. Detach the Speaker.
6. Remove the 2 lock screws ⑥ from AC Inlet Cover.
7. Remove the 2 lock screws ⑦ from Speaker terminal.
8. Remove the 2 lock screws ⑧ and detach the Control Button Cover.
9. Remove the 4 screws ⑨.
10. Remove the 4 lock screws ⑩ from the Stand.
11. Remve the 28 lock screws ⑪ and detach the Rear Cabinet.


Front cabinet
⑪
⑨
⑧
Control Button Cover
Rear cabinet
⑪
System Cable Cover
⑦
⑩
③
⑥
Terminal Cover
Wire Holder
⑤
Edge Cover
②
①
Wire Holder
④
Stand
Speaker

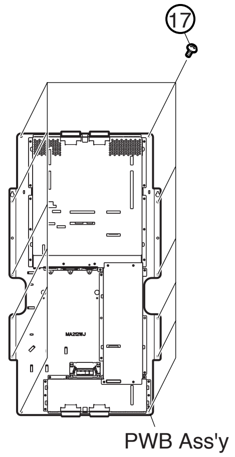

MN1
(P7309)
NP1
(P7310)
NP3
(P7407)
NP5
(P7711)
PG2
PD
PP
KM
AC2
RM
PD
PG1
PO1
PP
AC1
AC
(P702)
MN3
(P7509)
NP2
(P7510)
NP4
(P7607)
NP6
(P7811)

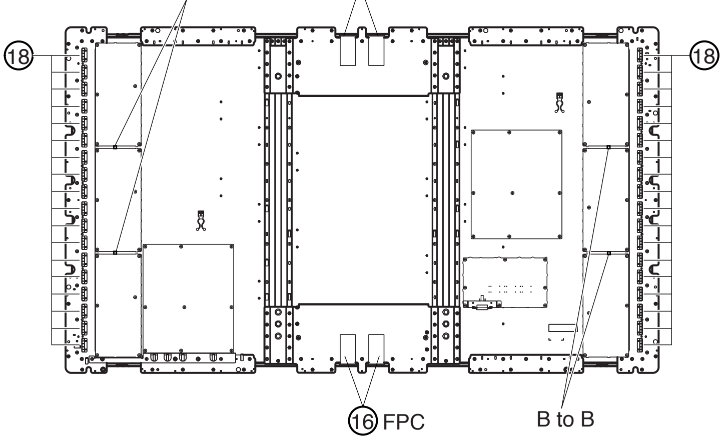
12. Remove the Connection Cables from MN1, MN3, NP1, NP2, NP3, NP4, NP5, NP6, PG1, PG2, PD, PO1, PP, AC, AC1, AC2, KM and RM Connectors.

13. Remove the 2 lock screws ⑫ and detach the Control Button Ass'y.
14. Remove the 3 lock screws ⑬ and detach the Key PWB.
15-1. Remove the 38 Lamp Ass'y lock screws (14-1) and 2 Stand lock screws (14-2). Draw out the lower side of the Front Cabinet, detach the 2 hook of the engagement of the upper part, and detach the Front Cabinet.
15-2. Detach the Lamp Ass'y from the Stand.
16. Remove the 2 lock screws ⑮ and detach the R/C, LED PWB.

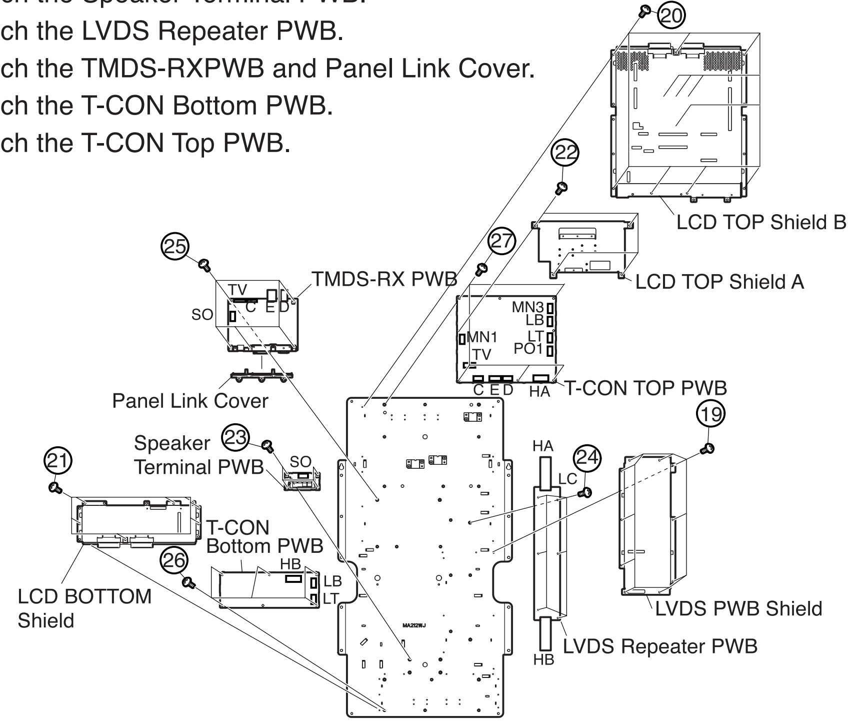

14-1
⑫
⑬
Key PWB
Control Button Ass'y
14-2
Lamp Ass'y
Front Cabinet
⑮
R/C, LED PWB

17. Remove 4 FPC ⑯ from T-CON Top PWB and T-CON Bottom PWB.
18. Remove 12 lock screws ⑰ and detach the PWB Ass'y.
19. Remove the 36 lead wire from Lamps ⑱ and detach the 4 B to B connectors of each INVERTER PWB.

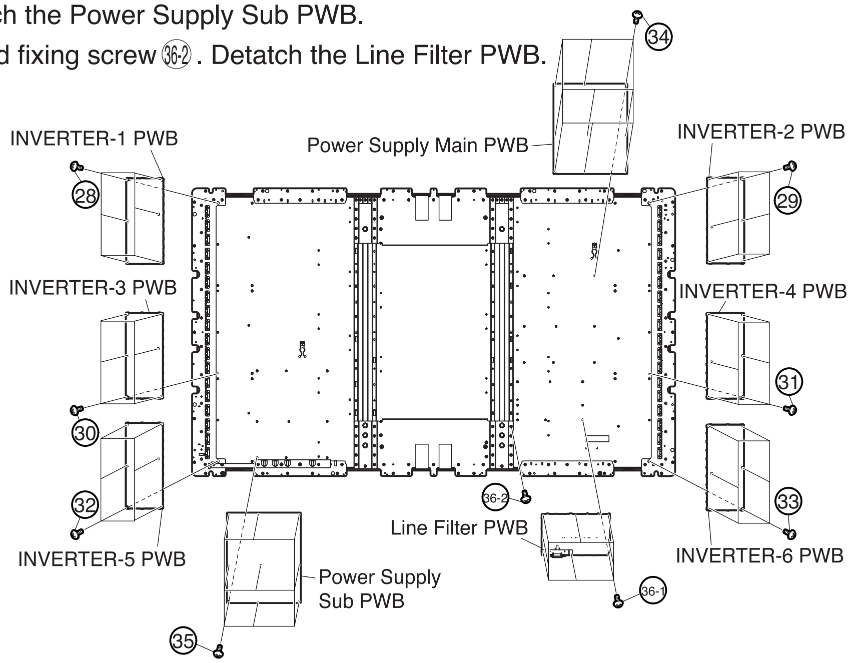



B to B
⑯ FPC
⑱
⑱
⑯ FPC
B to B

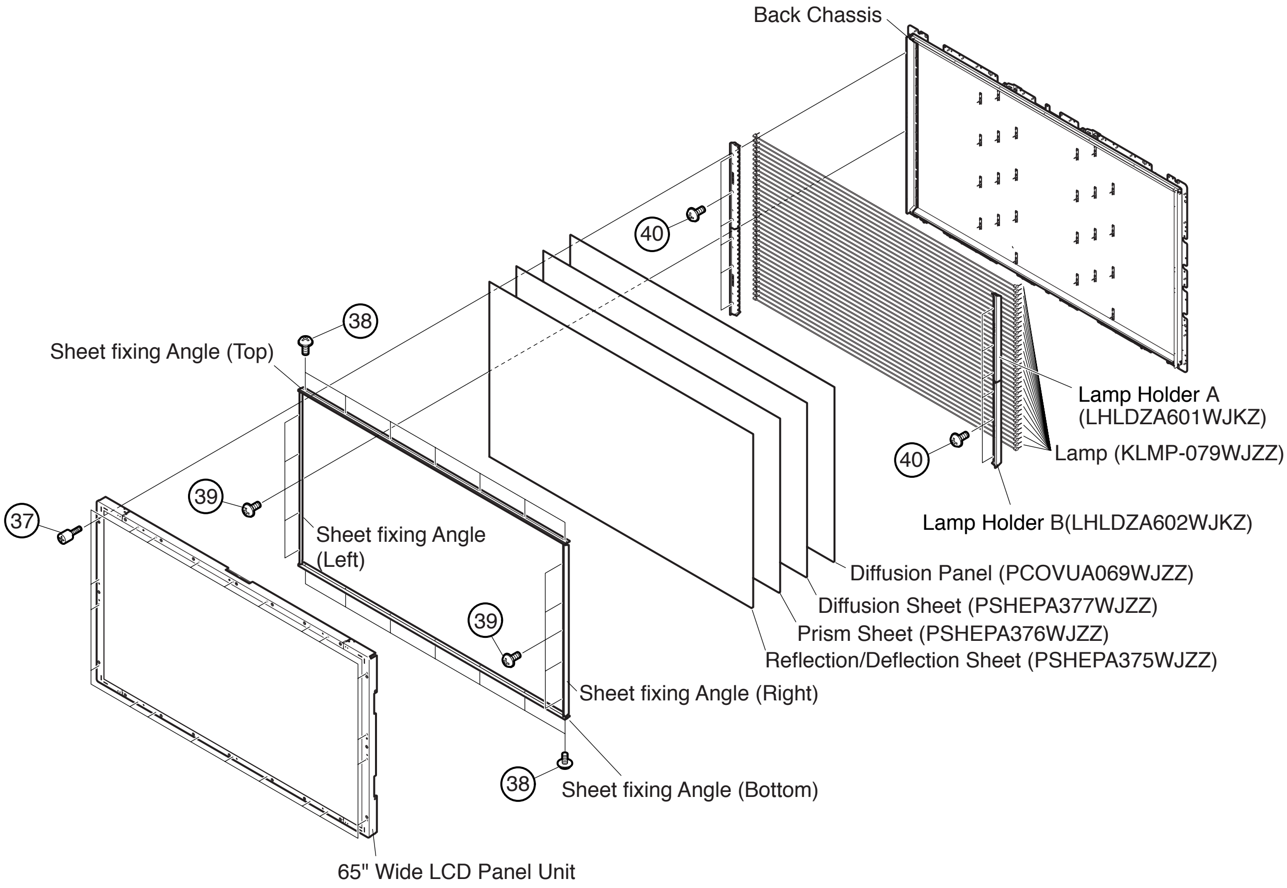
20. Remove the 8 lock screws ⑲ and detach the LVDS PWB Shield.
21. Remove the 11 lock screws ⑳ and detach the LCD TOP Shield B.
22. Remove the 6 lock screws ㉑ and detach the LCD BOTTOM Shield.
23. Remove the 4 lock screws ㉒ and detach the LCD TOP Shield A.
24. Remove the connecting Cables from SO, TV, C, E, D, HA, HB, LB, LT, LC, PO1, MN1and MN3 connectors.
25. Remove the 4 lock screws ㉓ and detach the Speaker Terminal PWB.
26. Remove the 6 lock screws ㉔ and detach the LVDS Repeater PWB.
27. Remove the 5 lock screws ㉕ and detach the TMDS-RXPWB and Panel Link Cover.
28. Remove the 5 lock screws ㉖ and detach the T-CON Bottom PWB.
29. Remove the 5 lock screws ㉗ and detach the T-CON Top PWB.


⑳
㉒
LCD TOP Shield B
㉕
㉗
TMDS-RX PWB
LCD TOP Shield A
TV
SO
C E D
MN3
LB
LT
PO1
MN1
TV
C E D
HA
T-CON TOP PWB
Panel Link Cover
⑲
Speaker Terminal PWB
㉓
SO
HA
㉔
LC
㉑
T-CON Bottom PWB
HB
㉖
LB
LT
LCD BOTTOM Shield
LVDS PWB Shield
LVDS Repeater PWB
HB

30. Remove the 6 lock screws ㉘ and detach the INVERTER-1 PWB.
31. Remove the 6 lock screws ㉙ and detach the INVERTER-2 PWB.
32. Remove the 6 lock screws ㉚ and detach the INVERTER-3 PWB.
33. Remove the 6 lock screws ㉛ and detach the INVERTER-4 PWB.
34. Remove the 6 lock screws ㉜ and detach the INVERTER-5 PWB.
35. Remove the 6 lock screws ㉝ and detach the INVERTER-6 PWB.
36. Remove the 9 lock screws ㉞ and detach the Power Supply Main PWB.
37. Remove the 9 lock screws ㉟ and detach the Power Supply Sub PWB.
38. Remove the 8 lock screws (36-1), Earth lead fixing screw (36-2). Detatch the Line Filter PWB.


㉞
INVERTER-1 PWB
Power Supply Main PWB
INVERTER-2 PWB
㉘
㉙
INVERTER-3 PWB
INVERTER-4 PWB
㉛
㉚
㉜
(36-2)
㉝
Line Filter PWB
INVERTER-5 PWB
INVERTER-6 PWB
Power Supply Sub PWB
(36-1)
㉟

39. Remove the 22 lock screws ㊲ and detach the 65" Wide LCD Panel Unit.
40. Remove the 14 lock screws ㊳ and 10 screws ㊴. Detach the Sheet Fixing Angles (Top/Bottom/Right/Left).
41. Detach the Deflection Sheet, Prism Sheet, Diffusion Sheet and Diffusion Panel.
42. Remove the 12 lock screws ㊵ and detach the Lamp Holders.
43. Detach the Lamp from Back Chassis.


Back Chassis
40
38
Sheet fixing Angle (Top)
Lamp Holder A
(LHLDZA601WJKZ)
40
Lamp (KLMP-079WJZZ)
39
37
Sheet fixing Angle
(Left)
Lamp Holder B(LHLDZA602WJKZ)
Diffusion Panel (PCOVUA069WJZZ)
39
Diffusion Sheet (PSHEPA377WJZZ)
Prism Sheet (PSHEPA376WJZZ)
Reflection/Deflection Sheet (PSHEPA375WJZZ)
Sheet fixing Angle (Right)
38
Sheet fixing Angle (Bottom)
65" Wide LCD Panel Unit

ADJUSTMENT PROCEDURE (TU-65GD1E)

The adjustment values are set to the optimum conditions at the factory before shipping. If a value should become improper or an adjustment is required due to part replacement, make an adjustment according to the following procedure.

1. After replacement of any PWB unit and/or IC for repair, please note the following.

1) When replacing the digital unit and E2PROM , prepare the following units loaded with updated software.
   Applicable unit: DUNTKC267FE69 (Service-DVI-UNIT)
   Applicable unit: DUNTKC427FE64 (Service-CPU-UNIT)

2. Entering the process adjustment mode

Caution: Use due care in handling the information described here lest your users should know how to enter the process adjustment mode. If the settings are tampered in this mode, unrecoverable system damage may result.

1) Before entering the process adjustment mode, press the RESET key on the front panel, or select "RESET" of the AV position in the picture adjustment on the menu.
2) Unplug the AC power cable of the Display and shut off the power.
3) While holding down the "◿ (–)" and "INPUT" key of the Display at the same time, plug in the AC power cable of the Display, and turn on the power.
   (Keep pressing the "◿ (–)" and "INPUT" keys until the specific display appears on the screen.)
   Make sure that a K mark is displayed in the top left of the screen.
4) Next, Simultaneously press the "◿(–)" key and the "P(∨)" key of the monitor.
   Several blue text lines appearing on the screen indicate the successful entry into the process adjustment mode.
   If you have failed (only the ordinary startup display appeared), try this step again.
5) To exit the process adjustment mode after the adjustment is done, unplug the AC power cable of AVC system from the outlet to make a forced shutdown.
   (When the power was turned off with the remote controller, once unplug the power cable and plug it again. In this case, wait 10 seconds or so before plugging.)

3. Remote controller key operation and description of display in process adjustment mode

1) Key operation

Operation	R/C KEY	MAIN UNIT KEY
Back to the previous page	Cursor (▲)	–
Move to the next page	Cursor (▼)	–
Back to the previous item	P (∧)	P (∧)
Move to the next item	P (∨)	P (∨)
Increase the setting by 1	◿ (+)	◿ (+)
Decrease the setting by 1	◿ (-)	◿ (-)
Increase the setting by 10	Cursor (▶)	–
Decrease the setting by 10	Cursor (◀)	–
Execute the function	OK	

4. AVC system part adjustment item

1) Analog adjustment

Before starting the adjustment, make sure that the signal source setting is proper for the LCD Europe.

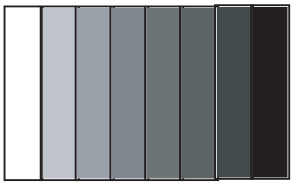
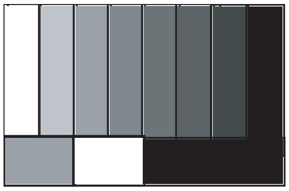
■ Signal generator level adjustment check (Adjustment to the specified level)

- Composite signal: 0.714Vp-p ±0.02Vp-p (from Pedestal level to white)
- 15K component signal: Y level: 0.714Vp-p ± 0.02Vp-p (from Pedestal level to white)
  PB, PR level: 0.7Vp-p ± 0.02Vp-p
- 33K component signal: Y level: 0.7Vp-p ± 0.02Vp-p (from Pedestal level to white)
  PB, PR level: 0.7Vp-p ± 0.02Vp-p
- DVI-I (analog RGB) signal: RGB level: 0.714Vp-p ± 0.02Vp-p (Pedestal level to white)

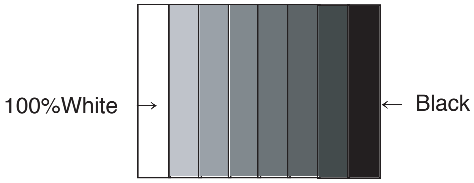
(1) AVC system chassis pre-adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Adjustment process mode		See "Entering the process adjustment mode" on the previous page.

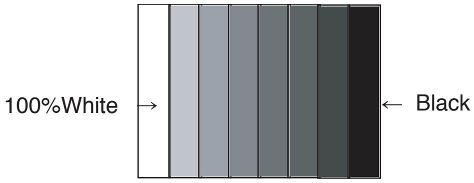
(2) PAL signal and tuner adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting	[Signal] PAL Full Field Colour Bar (INPUT4) PAL colour bar (Tuner) [Terminal] INPUT 4 Video input TUNER	• Feed the PAL Full Field colour bar signal (75% colour saturation) to Video input of INPUT 4. • Feed the PAL colour bar signal to TUNER. • The PAL colour bar pattern should have the synchronization level of 7:3 with the picture. [Video input signal setting]  [PAL colour bar] 
2	Auto adjustment performance	Process adjustment mode page 3	Bring the cursor on [■PAL ALL Adjust] and press [OK]. [■PAL ALL Adjust Finish] appears when finished.

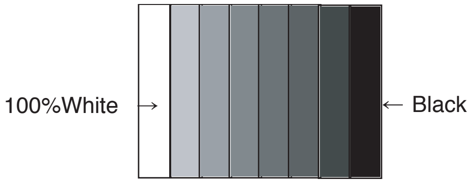
(3) SECAM signal adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting	[Signal] SECAM Full Field Colour Bar [Terminal] INPUT 4 Video input	• Feed the SECAM Full Field colour bar signal (75% colour saturation) to Video input of INPUT 4. 
2	Auto adjustment performance	Process adjustment mode page 5	Bring the cursor on [■SECAM MAIN Adjust] and press [OK]. [■SECAM MAIN Adjust Finish] appears when finished.

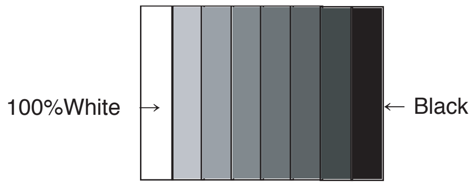
(4) N358 signal adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting	[Signal] N358 Full Field Colour Bar [Terminal] INPUT 4 Video input	• Feed the N358 Full Field colour bar signal (75% colour saturation) to Video input of INPUT 4. 
2	Auto adjustment performance	Process adjustment mode page 6	Bring the cursor on [■N358 MAIN Adjust] and press [OK]. [■N358 MAIN Adjust Finish] appears when finished.

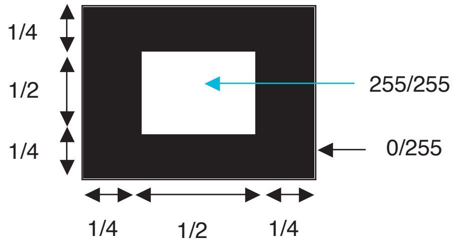
(5) Component 15K signal adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting	[Signal] COMP 15K 60Hz 100% Full Field Colour Bar [Terminal] INPUT 3 component input	• Feed the Component 15K 100% Full Field colour bar signal (100% colour saturation) to INPUT 3 component input. 
2	Auto adjustment performance	Process adjustment mode page 7	Bring the cursor on [■COMP 15K ALL Adjust] and press [OK]. [■COMP 15K ALL Adjust Finish] appears when finished.

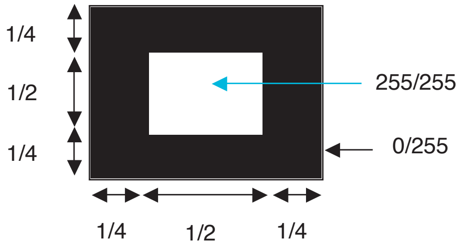
(6) Component HDTV adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting	[Signal] COMP 33K 60Hz 100% Full Field Colour Bar [Terminal] INPUT 3 component input	• Feed the Component 33K (1080i) 100% Full Field colour bar signal (100% colour saturation) to INPUT 3 component input. 
2	Auto adjustment performance	Process adjustment mode page 8	Bring the cursor on [■HDTV Adjust] and press [OK]. [■HDTV Adjust Finish] appears when finished.

(7) DVI-I (analog) signal adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting		• Feed the XGA (1024 x 768 60Hz) window pattern signal to DVI-I (analog) input. 
2	Auto adjustment performance	Process adjustment mode page 9	Bring the cursor on [■DVI ANALOG] and press [OK]. [■DVI ANALOG Finish] appears when finished.

(8) DVI-I (digital) signal adjustment

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Input signal setting		• Feed the XGA (1024 x 768 60Hz) window pattern signal to DVI-I (digital) input. 
2	Auto adjustment performance	Process adjustment mode page 10	Bring the cursor on [■DVI DIGITAL] and press [OK]. [■DVI DIGITAL Finish] appears when finished.

2) Key writing

(1) HDCP key writing

	Adjusting point	Adjusting conditions	Adjusting procedure
1	HDCP key writing (enables the HDCP operation)	Process adjustment mode page 2	Bring the cursor on "KEY WRITE". Set to [ON] using [⊿(+)] or [⊿(–)] key, and press [OK]. When "KEY WRITE OFF" is displayed, writing is complete.

(2) Confirmation of sound parameter data

	Adjusting point	Adjusting conditions	Adjusting procedure
1	Confirmation of sound parameter data	Process adjustment mode page 1	Ensure that data in [EQ DATA CHECKSUM] item is "ROM."

3) Factory Setting

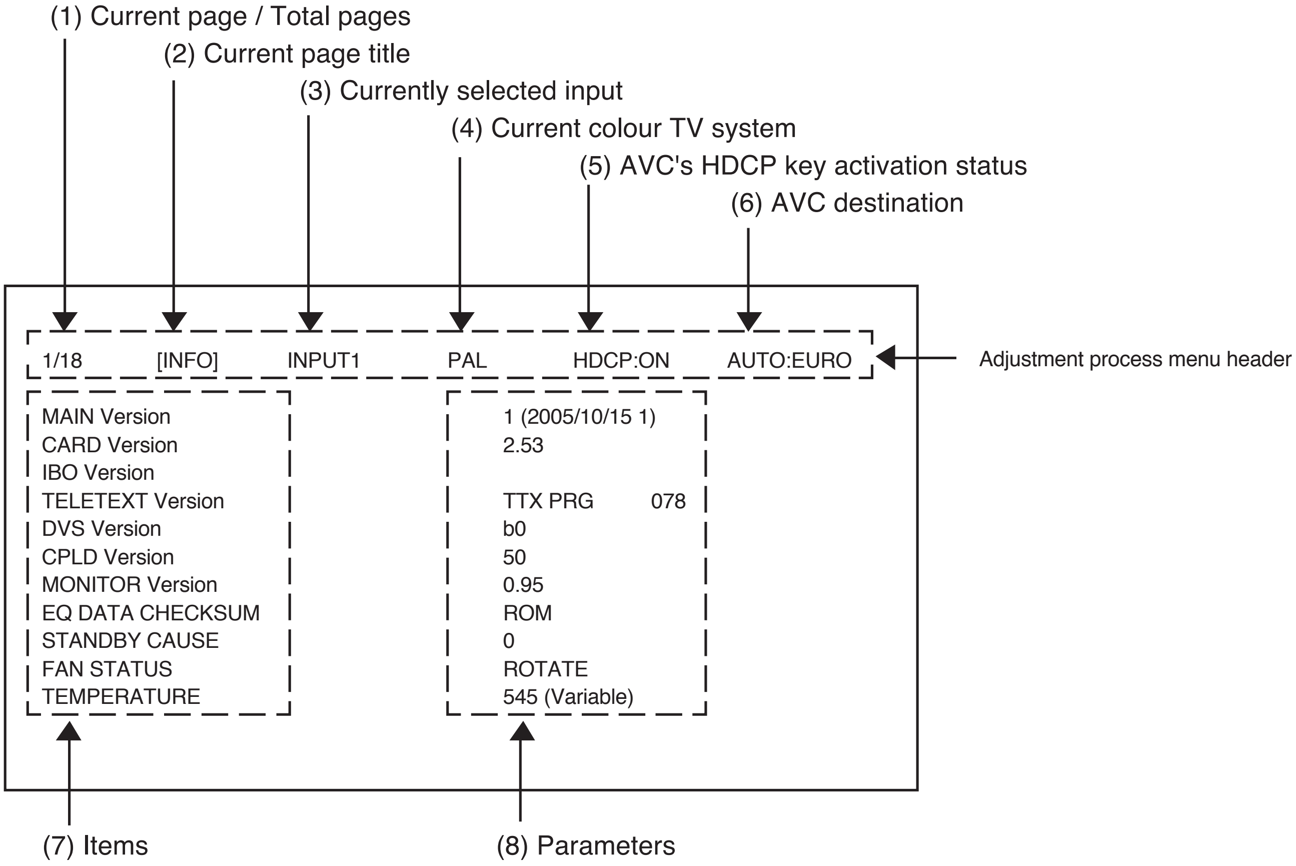
	Adjusting point	Adjusting conditions	Adjusting procedure
1	Factory setting	Process adjustment mode page 2	• Bring the cursor on to "INDUSTRY INIT". • Set to [ON] using [⊿ (+)] or [⊿ (–)] key, and press [OK]. The setting is completed when the process mode items disappear and then the TUNER screen appears. After the start of execution, the input switches to DTV. Visually check that the "Virgin Mode" appears on the DTV Display. When the initialization is complete, the process adjustment mode screen is replaced by the TUNER screen. * When HDCP is OFF, the process mode is not exited even if the factory setting is complete. Confirm the HDCP setting. • Turn off AC power to the AVC system. **(Never shut off the power during the initialization process.)**
			The following settings are initialized in this adjustment. 1) User setting 2) Channel data (e.g. broadcast frequencies) 3) Operation time 4) Auto installation flag 5) Maker optional setting 6) Password data

Caution: After the factory setting is performed, never turn on the power. If the power is turned on, perform the factory setting again. Do not set to "OFF" with a remote control or AVC power SW.

To exit the process adjustment mode, unplug the AC power cable from the outlet to make a forced shutdown.

5. Description of Display

1) Description of display


(1) Current page / Total pages
(2) Current page title
(3) Currently selected input
(4) Current colour TV system
(5) AVC's HDCP key activation status
(6) AVC destination
Adjustment process menu header
(7) Items
(8) Parameters

```
1/18      [INFO]      INPUT1      PAL      HDCP:ON      AUTO:EURO

MAIN Version                    1 (2005/10/15 1)
CARD Version                    2.53
IBO Version
TELETEXT Version                TTX PRG       078
DVS Version                     b0
CPLD Version                    50
MONITOR Version                 0.95
EQ DATA CHECKSUM                ROM
STANDBY CAUSE                   0
FAN STATUS                      ROTATE
TEMPERATURE                     545 (Variable)
```

2) Description of adjustment process menu header

No	Description	Display
(1)	Current page / Total pages	2char/2char Decimal notation
(2)	Current page title	max15char "[" "]"Appears in brackets.
(3)	Currently selected input	TUNER/DTV/INPUT1/INPUT2/INPUT3/INPUT4/INPUT5/ CARD(Depends on the product's input capability)
(4)	Current colour TV system	NTSC/PAL/SECAM/COMP15K/COMP33K/COMP45K/ COMP28K/COMP31K
(5)	HDCP key activation status	HDCP:ON /HDCP:OFF
(6)	AVC destination	JAPAN/USA/EURO/ASIA/CHINA/HONGKONG
(7)	Items	max30char
(8)	Parameters	max60char

6. Process adjustment mode list

- Process menu list

Page	Item		Explanation
1/18	[INFO]		
	MAIN Version	1.0(E 2005/10/20	MAIN microcomputer'fs version display
	CARD Version	2.53	CARD unit'fs version display
	IBO Version		IBO unit'fs version display
	TELETEXT Version	TTX PRG 078	TELETEXT microcomputer'fs version display
	DVS Version	b0	DVS version display
	CPLD Version	50	CPLD version display
	Monitor Version	0.95	Monitor microcomputer'fs version display
	EQ DATA CHECKSUM	ROM	Audio data checksum display
	STANDBY CAUSE	0	Last standby cause code display
	FAN STATUS	ROTATE	Fan status display, ROTATE/STOP (500msec interval)
	TEMPERATURE	545(Variable)	Hexadecimal display of thermistor value (500msec interval)
2/18	[INIT]		
	INDUSTRY INIT	OFF	Execution of a shipment setup (It is the same as a shipment setup of remote controller)
	DATA COPY	OFF	DATA COPY execution
	KEY WRITE	OFF	HDCP key activation (As default is ON, no need to set to ON in production)
	HOTEL MODE	OFF	HOTEL MODE ON/OFF setting
	Center Acutime	21H 15M	AVC's total operation time display (Reset by initialization)
	RESET	OFF	AVC's total operation time reset
	Backlight Acutime	24H 2M	Monitor's total operation time display (Not reset by initialization)
	RESET	OFF	Monitor's total operation time reset
	VIC XPOS	0	Video level cutout X position
	VIC YPOS	0	Video level cutout Y position
	VIC COLOUR	Y/G	Video level cutout colour setting
	VIC SIGNAL TYPE	PALMAIN	Video level cutout mode setting
	VIC READ	OFF	Video level cutout ON/OFF
3/18	[PAL MAIN]		
	PAL ALL ADJ	Enter	PAL video auto adjustment execution (MAIN+SUB+TUNER DAC)
	PAL MAIN ADJ	Enter	PAL MAIN video auto adjustment
	TUNER DAC ADJ	Enter	PAL TUNER DAC video auto adjustment
	PAL MAIN CONTRAST	250	Contrast adjustment (IC402-CXD3802 adjustment)
	PAL MAIN COLOUR GAIN	88	Colour gain adjustment (IC402-CXD3802 adjustment)
	PAL SUB CONTRAST	17	PAL SUB contrast adjustment (IC601-VPC3230D adjustment)
	PAL SUB COLOUR GAIN	-11	PAL SUB colour gain adjustment (IC601-VPC3230D adjustment)
	TUNER A DAC	159	TUNER DAC video adjustment
4/18	[PAL SUB]		
	PAL SUB ADJ	Enter	PAL SUB video auto adjustment (IC601-VPC3230D adjustment)
	PAL SUB CONTRAST	17	Contrast adjustment (IC601-VPC3230D adjustment)
	PAL SUB COLOUR GAIN	-11	Colour gain adjustment (IC601-VPC3230D adjustment)
	TUNER TEST	Enter	TUNNING TEST
5/18	[SECAM MAIN]		
	SECAM MAIN ADJ	Enter	SECAM video auto adjustment (IC502-CXD2096 adjustment)
	SECAM MAIN CONTRAST	140	SECAM contrast adjustment (IC502-CXD2096 adjustment)
	SECAM MAIN COLOUR GAIN	96	SECAM colour gain adjustment (IC502-CXD2096 adjustment)
6/18	[N358 MAIN]		
	N358 MAIN ADJ	Enter	N358 MAIN video auto adjustment: (IC402-CXD3802 adjustment)
	N358 MAIN CONTRAST	243	Contrast adjustment (IC402-CXD3802 adjustment)
	N358 MAIN COLOUR GAIN	85	Colour gain adjustment (IC402-CXD3802 adjustment)

●Process menu list

Page	Item		Explanation
7/18	[COMP 15K MAIN]		
	COMP15K ALL ADJ	Enter	COMP 15K video auto adjustment execution (IC402-CXD3802 adjustment)
	COMP15K MAIN ADJ	Enter	COMP 15K MAIN auto adjustment (IC402-CXD3802 adjustment)
	COMP15K SUB ADJ	Enter	COMP 15K SUB auto adjustment (IC601-VPC3230D adjustment)
	COMP15K MAIN CONTRAST	209	Contrast adjustment (IC402-CXD3802 adjustment)
	COMP15K MAIN COLOUR GAIN	223	Colour gain adjustment (IC402-CXD3802 adjustment)
	COMP15K SUB CONTRAST	15	Contrast adjustment (IC601-VPC3230D adjustment)
	COMP15K SUB COLOUR GAIN	2	Colour gain adjustment (IC601-VPC3230D adjustment)
8/18	[HDTV]		
	HDTV ADJ	Enter	HDTV video auto adjustment: (IC402-CXD3802 adjustment)
	CONTRAST	209	Contrast adjustment: (IC402-CXD3802 adjustment)
	COLOUR GAIN	221	Colour gain adjustment: (IC402-CXD3802 adjustment)
9/18	[DVI ANALOG]		
	DVI ANALOG	Enter	DVI analog video auto adjustment
	R CUT OFF	650	R-CUT OFF adjustment
	G CUT OFF	650	G-CUT OFF adjustment
	B CUT OFF	650	B-CUT OFF adjustment
	R DRIVE	300	R-DRIVE adjustment
	G DRIVE	300	G-DRIVE adjustment
	B DRIVE	300	B-DRIVE adjustment
10/18	[DVI DIGITAL]		
	DVI DIGITAL	Enter	DVI digital video auto adjustment
	R CUT OFF	650	R-CUT OFF adjustment
	G CUT OFF	650	G-CUT OFF adjustment
	B CUT OFF	650	B-CUT OFF adjustment
	R DRIVE	300	R-DRIVE adjustment
	G DRIVE	300	G-DRIVE adjustment
	B DRIVE	300	B-DRIVE adjustment
11/18	[M GAMMA INFO]		
	GAMMA LOAD	Enter	Unused (For one apparatus)
	GAMMA 1 POS	0	
	GAMMA 2 POS	0	
	GAMMA 3 POS	0	
	GAMMA 4 POS	0	
	GAMMA 5 POS	0	
	GAMMA 6 POS	0	
	GAMMA SET POS	Enter	
	GAMMA PATTERN	0	
12/18	[M GAMMA 1-3]		
	GAMMA 1 R	0	Unused (For one apparatus)
	GAMMA 1 G	0	
	GAMMA 1 B	0	
	GAMMA 2 R	0	
	GAMMA 2 G	0	
	GAMMA 2 B	0	
	GAMMA 3 R	0	
	GAMMA 3 G	0	
	GAMMA 3 B	0	

Page	Item		Explanation
13/18	[M GAMMA 4-6]		
	GAMMA 4 R	0	Unused (For one apparatus)
	GAMMA 4 G	0	
	GAMMA 4 B	0	
	GAMMA 5 R	0	
	GAMMA 5 G	0	
	GAMMA 5 B	0	
	GAMMA 6 R	0	
	GAMMA 6 G	0	
	GAMMA 6 B	0	
14/18	[SOUND 1]		
	AUDIO SELECT	ROM	Unused (For one apparatus)
	NOISE SIN		
	INPUT TRIM SP		
	INPUT TRIM HP		
	IN OUT		
	PINK SIN		
	SIN		
	CLIPPER LEVEL		
	ANGLE		
	MASTER VOLUME		
	SCART PRESCALE		
	FM AM PRESCALE		
	I2S1 PRESCALE		
	SCART 1 VOLUME		
	SCART 2 VOLUME		
15/18	[SOUND 2]		
	PRESCALE_SCART	ROM	Unused (For one apparatus)
	PRESCALE_DVB		
	PRESCALE_M		
	PRESCALE_I		
	PRESCALE_BG		
	PRESCALE_DK		
	PRESCALE_L		
	PRESCALE_EIAJ		
	PRESCALE_BTSC		
	PRESCALE_I2S3		
	PRESCALE_NICAM		
	SCARTBOUT_VOLUME_TUNER		
	SCARTBOUT_VOLUME		
	MONITOROUT_VOLUME_TUNER		
	MONITOROUT_VOLUME		
16/18	[SOUND 3]		
	SUB VOLUME DOLBY		Unused (For one apparatus)
	SUB VOLUME FLAT		
	SUB VOLUME EQ		
	SUB VOLUME HP		
	SUB VOLUME CENTER SP		
	BBE HF ADJUST		
	BBE LEVEL		
	BBE MACH3 F0		
	BBE MACH3 Q		
	BBE MACH3 GAIN		
	EQ MODE		
	PEQ1 F0		
	HPF FC		
	PEQ1 Q		
	PEQ1 GAIN		

Page	Item		Explanation
17/18	[SOUND 4]		
	PEQ2 F0 PEQ2 Q PEQ2 GAIN PEQ3 F0 PEQ3 Q PEQ3 GAIN PEQ4 F0 PEQ4 Q PEQ4 GAIN PEQ5F0 PEQ5 Q PEQ5 GAIN		Unused (For one apparatus)
18/18	[ETC]		
	DATA COPY FOR INIT	ON	Data copy for initialization: Prohibited
	EEP SAVE	OFF	Saving adjustment value in storage area
	EEP RECOVER	OFF	Retrieving adjustment value from storage area
	AUTO INSTALLATION SW	1	Prohibited
	STANDBY CAUSE RESET	OFF	Reset of standby cause: Prohibited
	SYS MODEL COUNTRY	AUTO	Destination setting: Prohibited

ADJUSTMENT PROCEDURE (LC-65GD1E)

The adjustment values are set to the optimum conditions at the factory before shipping. If a value should become improper or an adjustment is required due to part replacement, make an adjustment according to the following procedure.

1. Preparation for the adjustment

When replacing E2PROM IC (IC5305), use the unit on which software has been written.
Applicable unit: DUNTKD222VJ08 (TMDS-RX Unit) (IC5305)

2. Adjustment procedure

Enter the adjustment process mode → Adjust VLS BIAS (15.3V) voltage → Adjust GRAY LEVEL (14.08V) voltage → Adjust COM BIAS → Adjust background

3. Entering the adjustment process mode

[Caution] When entering the adjustment process mode, do not change the set values other than those for the basic adjustment described below. The system may be damaged beyond recovery.

- Connect the system cable between the AVC and the Display.
- Unplug the AC cord with the main power (⏻) of the Display "ON".
- While holding down the "◿ (+)" key and "P(∨)"keys at the same time, plug in the AC cord of the Display. The unit starts up in the "Display process mode".
- Go to page 1 of the "Display adjustment mode".
  If multiple lines of red letters are displayed on the screen, it indicates the successful entry into the process adjustment mode.

4. Exiting the adjustment process mode

- The adjustment process mode is canceled by shutting off the power (of the remote control or "MAIN-POWER").

5. Key operation in the process adjustment mode

Key	Function 1 (when on the left side of a page)	Function 2 (when changing a numeric value)
Cursor UP ▲	Moving up by one item or moving to the previous page (when at the top)	Incrementing the adjustment value by one or executing (when selecting the W or R item)
Cursor DOWN ▼	Moving down by one item or moving to the next page (when at the bottom)	Decrementing the adjustment value by one or executing (when selecting the W or R item)
Cursor RIGHT ▶	Moving to the right by one item Page movement (when on the initial page)	Moving to the right by one item
Cursor LEFT ◀	Moving to the left by one item Page movement (when on the initial page)	Moving to the left by one item
OK	Test pattern off	Executing the item (when selecting the W or R item)
INPUT ⇥	Moving to the next page	Moving to the next page
P_UP (P (∧))	Moving up by one item or moving to the previous page (when at the top)	Incrementing the adjustment value by one or executing (when selecting the W or R item)
P_DOWN (P (∨))	Moving down by one item or moving to the next page (when at the bottom)	Decrementing the adjustment value by one or executing (when selecting the W or R item)
VOL_UP (◿ (+))	Moving to the right by one item Page movement (when on the initial page)	Moving to the right by one item
VOL_DOWN (◿ (–))	Moving to the left by one item Page movement (when on the initial page)	Moving to the left by one item

6. Adjustment Procedure

6-1. VLS BIAS (15.30V) voltage adjustment

Go to [VLS BIAS] item with the cursor (▲/▼) keys and select the value with the cursor (◀/▶) keys. Connect a digital voltage meter to TP4827 (TL4843) on the T-CON Top PWB and adjust the value with the cursor (▲/▼) keys to 15.30V±0.05V.

6-2. GRAY LEVEL (14.08V) voltage adjustment

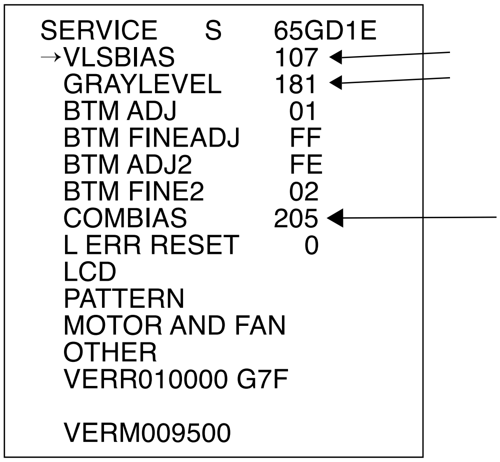
Go to [GRAY LEVEL] item with the cursor (▲/▼) keys and select the value with the cursor (◀/▶) keys. Connect a digital voltage meter to TP4501 (TL4501) on the T-CON Top PWB and adjust a value with the cursor (▲/▼) keys to 14.08V±0.05V.

Make sure to adjust the value accurately as this power supply voltage will be used as a reference voltage for the gradation voltage.

6-3. COM BIAS adjustment

Go to the [COM BIAS] item with the cursor (▲/▼) keys and select a the value with the cursor (◀/▶) keys. When the value is changed with the cursor (▲/▼) keys, the test pattern appears. Make an adjustment so that the flicker in the center of the right or left half of the screen is minimized.

table of contents of process mode page 0



```
SERVICE     S      65GD1E
→VLSBIAS           107
  GRAYLEVEL        181
  BTM ADJ           01
  BTM FINEADJ       FF
  BTM ADJ2          FE
  BTM FINE2         02
  COMBIAS          205
  L ERR RESET        0
  LCD
  PATTERN
  MOTOR AND FAN
  OTHER
  VERR010000 G7F

  VERM009500
```

Make an adjustment so that the flicke
on the grade of 100, grade of 10 and
grade of 1 is minimized.

6-4. GRAY LEVEL BOTTOM adjustment

(1) Go to the [BTM ADJ] item with the cursor (▲/▼) keys.
(2) Equalize gray levels of the upper and lower screens with the cursor (◀/▶) keys.
(3) Go to the [BTM FINE ADJ] item with the cursor (▲/▼) keys.
(4) Equalize gray levels of the upper and lower screens with the cursor (◀/▶) keys.
(5) Go to the [BTM ADJ2] item with the cursor (▲/▼) keys.
(6) Equalize gray levels of the upper and lower screens with the cursor (◀/▶) keys.
(7) Go to the [BTM FINE2] item with the cursor (▲/▼) keys.
(8) Equalize gray levels of the upper and lower screens with the cursor (◀/▶) keys.
(9) Toggle PATTERN A on page 1 of the process menu pattern between "010"→"020"→"030"…→"240"→"250". If the pattern does not toggle properly, start over from (1).

* Be sure to follow the adjustment order (1-8) for GRAY LEVEL BOTTOM adjustment.

6-5. Background adjustment

Perform this adjustment when the white balance (W/B) extremely differs from the other units when replacing the LCD panel or LCD CONTROLLER PWB.

1) Preparation

(1) White balance analyzer: TOPCON BM-5A

2) Adjustment procedure

(1) Activate the Display only and enter the "Adjust process mode" described in the item 3.

(2) Go to "PATTERN" with the cursor (▲/▼) keys. Press "OK" and go to "PATTERN PAGE2" with the cursor (▼) key.

(3) Adjust ADJ to 6 and press "OK".

(4) Set the 6th point (P6) to the designated gradation and adjust RGB to obtain the standard value for the 6th point.

(5) Set the 1st point (P1) to the designated gradation and calculate the G set value of the 1st point using the following formula: G initial value of the 1st point x (G adjustment value of the 6th point/928) (rounding off fractions). Then adjust RB to obtain the standard value of the 1st point.

(6) Set the 2nd point (P2) to the designated gradation and calculate the G set value of the 2nd point using the following formula: G initial value of the 2nd point x (G adjustment value of the 6th point/928) (rounding off fractions). Then adjust RB to obtain the standard value of the 2nd point.

(7) Set the 3rd point (P3) to the designated gradation and calculate the G set value of the 3rd point using the following formula: G initial value of the 3rd point x (G adjustment value of the 6th point/928) (rounding off fractions). Then adjust RB to obtain the standard value of the 3rd point.

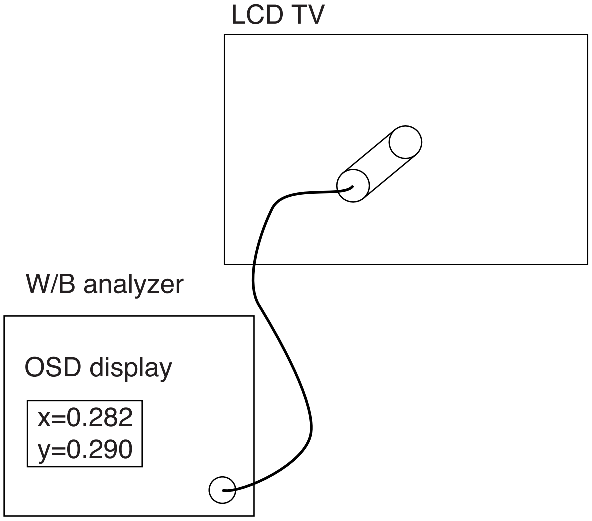
(8) Set the 4th point (P4) to the designated gradation and calculate the G set value of the 4th point using the following formula: G initial value of the 4th point x (G adjustment value of the 6th point/928) (rounding off fractions). Then adjust RB to obtain the standard value of the 4th point.

(9) Set the 5th point (P5) to the designated gradation and calculate the G set value of the 5th point using the following formula: G initial value of the 5th point x (G adjustment value of the 6th point/928) (rounding off fractions). Then adjust RB to obtain the standard value of the 5th point.

(10) Adjust CALC to 1 and calculate. Confirm that the adjustment has been made correctly to exit.

[Tentative value]
Standard value 1: x=0.262, y=0.262 [TOPCON BM-5A] (192 gradations) (P1)
Standard value 2: x=0.269, y=0.273 [TOPCON BM-5A] (352 gradations) (P2)
Standard value 3: x=0.272, y=0.273 [TOPCON BM-5A] (528 gradations) (P3)
Standard value 4: x=0.273, y=0.278 [TOPCON BM-5A] (656 gradations) (P4)
Standard value 5: x=0.277, y=0.284 [TOPCON BM-5A] (800 gradations) (P5)
Standard value 6: x=0.282, y=0.290 [TOPCON BM-5A] (928 gradations) (P6)

3) Connections



OSD display

```
 PATTERN       PAGE2
→ ADJ6          CAL C0
  POINT1          0192
  P1   0195 0191 0196
  P2   0355 0350 0349
  P3   0531 0526 0525
  P4   0658 0653 0653
  P5   0803 0797 0802
  P6   0928 0924 0928
```

4) Remarks

If W/B analyzer is not available, adjust the W/B by visually comparing with other units.

7.Lamp error detection

7-1.Feature description

This liquid-crystal colour TV incorporates a lamp error detection feature (lamp error detection) that automatically turns OFF the power for safety under abnormal lamp or lamp circuit conditions.

If anything is wrong with the lamp or lamp circuit or when the lamp error detection feature is activated for some reason, the following will result.

① The power of TV main body is turned OFF about six seconds after it is turned ON. (The power LED on the front of the TV turns red from green and keeps blinking in red (ON for 250ms and OFF for 1sec).)

② If ① occurs five times consecutively, it becomes impossible to turn ON the power. (The power LED keeps blinking in red (ON for 250ms and OFF for 1sec).

7-2.Measures

1). Checking with lamp error detection OFF

Enter the adjustment process mode described in the item 3 and start up the unit. If there is a problem with a lamp or lamp circuit, the lamp will go out. (The power LED is green.)

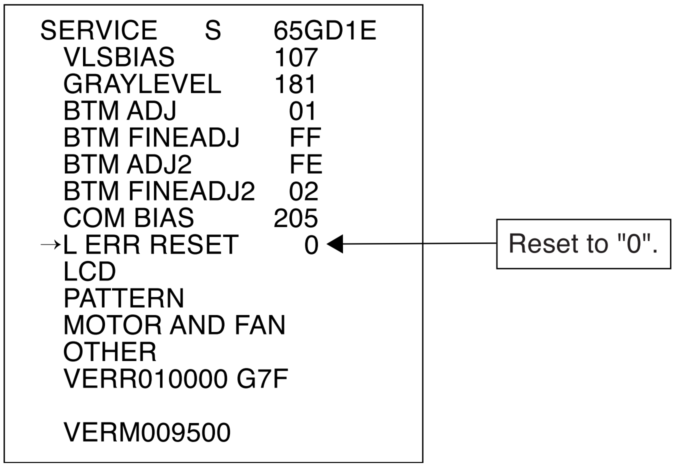
Then, you can check the operation to see if the lamp and lamp circuit are abnormal.

2). Resetting the lamp error count

After you have finished checking whether the lamp and lamp circuit are abnormal, reset the lamp error count. If a lamp error is detected five consecutive times, the power cannot be turned on.

Therefore, move to the “L ERR RESET” line, the fourth line on the first page of the“Display adjustment mode”, using the “Cursor ▲/▼” keys. Then, reset the “L ERR RESET” value using the “Cursor ◀ / ▶” keys. In this case, press the “OK” key to reset it to "0".

table of contents of process mode page 0



```
SERVICE     S      65GD1E
  VLSBIAS          107
  GRAYLEVEL        181
  BTM ADJ            01
  BTM FINEADJ        FF
  BTM ADJ2           FE
  BTM FINEADJ2     02
  COM BIAS         205
→L ERR RESET          0
  LCD
  PATTERN
  MOTOR AND FAN
  OTHER
  VERR010000 G7F

  VERM009500
```

Reset to "0".

Then perform operation checking and check that the lamp error detection feature is not activated.

List of adjustment process modes (LC-65GD1E)

・Adjustment process mode menu page 0

```
  0 1 2 3 4 5 6 7 8 9 A B C D E F
0 S E R V I C E   S   6 5 G D 1 E
1 → V L S B I A S       1 0 7
2   G R A Y L E V E L   1 8 1
3   B T M   A D J         0 1
4   B T M   F I N E A D J   F F
5   B T M   A D J 2         F E
6   B T M   F I N E 2       0 2
7   C O M B I A S         2 0 5
8   L   E R R   R E S E T     0
9   L C D
A   P A T T E R N
B   M O T E R   A N D   F A N
C   O T H E R
D   V E R B 0 1 0 0 0 0   G 7 F
E
F   V E R M 0 0 9 5 0 0
```

・LCD Page 1

```
  0 1 2 3 4 5 6 7 8 9 A B C D E F
0 L C D   P A G E 1
1 → P W M   C T R L           3
2   P W M   F R E Q     0 6 9 5
3   P W M   D U T Y     0 0 0 9
4   P H A S E   D I F     0 1 1
5   O S C   F R E Q     0 1 3 6
6   O S C   D U T Y     0 0 6 8
7   P W M   L O W         0 0 0
8   F O R C E             O F F
9   R E V   D I S P       O F F
A
B
C
D
E
F
```

・LCD Page 2

```
  0 1 2 3 4 5 6 7 8 9 A B C D E F
0 L C D   P A G E 2     T 1 1 0
1 → M O D E             5 0 H Z
2   Q S   S W               O N
3   Q S   D 1             0 8 6
4   Q S   D 2             1 0 2
5   Q S   D 3             1 1 3
6   Q S   D 4             1 2 5
7   Q S   D 5             1 3 7
8   Q S   D 6             1 4 7
9   Q S   D 7             1 6 0
A
B
C
D
E
F
```

・LCD Page 3

```
  0 1 2 3 4 5 6 7 8 9 A B C D E F
0 L C D   P A G E 3     A
1 → O P C   O F F           0 0
2   S T E P   M O D E       3 3
3   S M O O T H             O N
4   O P C 0 4             0 0 4
5
6
7
8
9   D I S P M O D E     F U L L
A
B
C
D
E
F
```

・LCD Page 4

```
  0 1 2 3 4 5 6 7 8 9 A B C D E F
0 L C D   P A G E 4
1 → C S   L E V E L   T   0 8 2
2   C S   L E V E L   B   0 8 8
3
4
5
6
7
8
9
A
B
C
D
E
F
```

・LCD Page 5

```
  0 1 2 3 4 5 6 7 8 9 A B C D E F
0 L C D   P A G E 5
1 → D A C   C S       A L L   0
2   V H 0               0 5 1 9
3   V H 3 1             0 6 7 1
4   V H 6 3             0 7 1 7
5   V H 9 5             0 7 6 1
6   V H 1 2 7           0 7 7 5
7   V H 1 5 9           0 8 0 2
8   V H 1 9 1           0 8 3 4
9   V H 2 4 7           0 9 7 8
A
B
C
D
E
F
```

・LCD Page 6

```
  0 1 2 3 4 5 6 7 8 9 A B C D E F
0 L C D   P A G E 6
1 → D A C   C S       A L L   0
2   V L 0               0 5 2 0
3   V L 3 1             0 3 6 7
4   V L 6 3             0 3 1 8
5   V L 9 5             0 2 7 2
6   V L 1 2 7           0 2 5 7
7   V L 1 5 9           0 2 3 1
8   V L 1 9 1           0 1 9 8
9   V L 2 4 7           0 0 5 4
A
B
C
D
E
F
```

·Pattern Page 1

```
  0 1 2 3 4 5 6 7 8 9 A B C D E F
0 P A T T E R N E P A G E 1
1 → P A T T E R N   1       0 0
2   P A T T E R N   2       0 0
3   P A T T E R N   3       1 0
4   P A T T E R N   4         0
5   P A T T E R N   R     2 5 5
6   P A T T E R N   G     2 5 5
7   P A T T E R N   B     2 5 5
8   P A T T E R N   A     0 0 0
9
A
B
C
D
E
F
```

·Pattern Page 2

```
  0 1 2 3 4 5 6 7 8 9 A B C D E F
0 P A T T E R N E P A G E 2
1 → A D J 6           C A L C 0
2   P O I N T 1         0 1 9 2
3   P 1 0 1 9 5 0 1 9 1 0 1 9 6
4   P 2 0 3 5 5 0 3 5 0 0 3 4 9
5   P 3 0 5 3 1 0 5 2 6 0 5 2 5
6   P 4 0 6 5 8 0 6 5 3 0 6 5 3
7   P 5 0 8 0 3 0 7 9 7 0 8 0 2
8   P 6 0 9 2 8 0 9 2 4 0 9 2 8
9
A
B
C
D
E
F
```

·MOTER FAN Page 1

```
  0 1 2 3 4 5 6 7 8 9 A B C D E F
0 M O T E R   F A N
1
2
3
4
5
6
7 → F A N   S T A R T     2 2 4
8   F A N   S T O P       2 3 0
9   T E M P   E R R       0 5 5
A
B
C
D
E
F
```

·OTHERS Page 1

```
  0 1 2 3 4 5 6 7 8 9 A B C D E F
0 O T H E R   P A G E 1
1                 A D D   D A T
2 → E E P         0 0 0     0 0
3   T M D S           0     0 0
4   L C D     0     0 0     0 0
5   Q S       0     0 0     0 0
6   P I C T   0     0 0     0 0
7
8
9
A
B
C
D
E
F
```

·OTHERS Page 2

```
  0 1 2 3 4 5 6 7 8 9 A B C D E F
0 O T H E R   P A G E 2   1 1 0
1   M O D E L   S   6 5 G D 1 E
2
3 → C L R   M O D E           0
4   L   E R R   S T O P       0
5   G A M M A   A D D   0 0 0 0
6       0 0 0 0 0 0 0 0 0 0 0 0
7   R E M O C O N             0
8
9
A
B
C
D
E
F
```

·OTHERS Page 3

```
  0 1 2 3 4 5 6 7 8 9 A B C D E F
0 O T H E R   P A G E 3
1 → T I M E   O U T         O N
2   E X   I O     A V C   L E D
3   I O         0 0 0 0 0 0 0 0
4   D A T       0 0 0 0 0 0 0 0
5
6   E R R 0     1 1 1 1 1 1 1 1
7
8   E R R   S T A N D B Y   1 5
9
A
B
C
D
E
F
```

·OTHERS Page 4

```
  0 1 2 3 4 5 6 7 8 9 A B C D E F
0 O T H E R   P A G E 4
1
2
3
4
5
6
7 →     0 0 0 0 0 0 0 0 0 0 0 0
8       0 0 0 0 0 0 0 0 1 2 3 4
9   Y O Y A K U
A
B
C
D
E
F
```

Process adjustment list (Display Part)

1st level	Page		Setting range	Initial value	Remarks
Containts	1	VLSBIAS	0 ~ 255	150	
		GRAYLEVEL	0 ~ 255	200	
		BTM ADJ	00 ~ FF	00	
		BTM FINEADJ	FE ~ 02	00	
		BTM ADJ2	00 ~ FF	00	
		BTM FINE2	FE ~ 02	00	
		COMBIAS	0 ~ 255	190	
		L ERR RESET	Zero Clear	0	Varies depending on the dimmer settingb value.
LCD	1	PWM CTRL	0 ~ 7	7	
		PWM FREQ	0~ 4095	0695	
		PWM DUTY	0~ 4095	0009	
		PHASE DIF	0 ~ 255	011	
		OSC FREQ	0 ~ 255	0136	
		OSC DUTY	0 ~ 255	0068	
		PWM LOW	0 ~ 255	000	Varies depending on the AVC connection or receiving signal.
		FORCE		OFF	
		REV DISP		OFF	
	2	MODE	50HZ/60HZ/PC	PC	
		QS SW	Off/ON	OFF	
		QS D1	0 ~ 255	086	Varies depending on the menu setting.
		QS D2	0 ~ 255	102	
		QS D3	0 ~ 255	113	
		QS D4	0 ~ 255	125	
		QS D5	0 ~ 255	137	
		QS D6	0 ~ 255	147	
		QS D7	0 ~ 255	160	Varies in the step mode
	3	OPC OFF	0 ~ 32	00	
		STEP MODE	17/33	33	
		SMOOTH		ON	Varies depending on the OPC settion condition.
		OPC04	000 ~ 255	004	
		DISPMODE		FULL	
	4	CS LEVEL T	0 ~ 255	82	
		CS LEVEL B	0 ~ 255	82	
	5	DAC CS		ALL 0	
		VH0	0 ~ 1023	0519	
		VH31	0 ~ 1023	0671	
		VH63	0 ~ 1023	0717	
		VH95	0 ~ 1023	0761	
		VH127	0 ~ 1023	0775	
		VH159	0 ~ 1023	0802	
		VH191	0 ~ 1023	0834	
		VH247	0 ~ 1023	0978	
	6	DAC CS ALL 0		ALL 0	
		VL0	0 ~ 1023	0520	
		VL31	0 ~ 1023	0367	
		VL63	0 ~ 1023	0318	
		VL95	0 ~ 1023	0272	
		VL127	0 ~ 1023	0257	
		VL159	0 ~ 1023	0231	
		VL191	0 ~ 1023	0198	
		VL247	0 ~ 1023	0054	
PATTERN	1	PATTERN 1	10 ~ 14	00	
		PATTERN 2	0 ~ 12	00	
		PATTERN 3	0 ~ 5	10	
		PATTERN 4	0 ~ 5	0	
		PATTERN R	0 ~ 255	255	
		PATTERN G	0 ~ 255	255	
		PATTERN B	0 ~ 255	255	
		PATTERN A	0 ~ 255	000	

1st level	Page		Setting range	Initial value	Remarks
	2	ADJ	0 ~ 6	0	
		POINT1	0000 ~ 1024	0192	
		P1	0000 ~ 1024	0192	
		P2	0000 ~ 1024	0352	
		P3	0000 ~ 1024	0528	
		P4	0000 ~ 1024	0656	
		P5	0000 ~ 1024	0800	
		P6	0000 ~ 1024	0928	
MOTER FAN	1	FAN START	0 ~ 255	224	
		FAN STOP	0 ~ 255	230	
		TEMP ERR	0 ~ 255	055	
OTHER	1			ADD DAT	
		EEP	000 ~ 3FF	000 00	
		TMDS	0 ~ F	0 00	
		LCD	0 ~ FF	00 00	
		QS	0 ~ FF	00 00	
		PICT	0 ~ FF	00 00	
	2				
		CLR MODE	0 ~ 1		
		L ERR STOP	0 ~ 1		
		GAMMA ADD	0 ~ 1	0000	
				000000000000	
		REMOCON	0 ~ 1	0	
	3	TIME OUT ON	ON/OFF	ON	
		EX IO AVC LED	AVC LED⇔ AVCANT⇔ AVC POW⇔MON LED	AVC LED	
		IO	0 ~ 1	00000000	
		DAT	0 ~ 1	00000000	
		ERR0	0 ~ 1	11111111	
		ERR STANDBY			
	4	000000000000		000000000000	
		000000001234		000000000000	Increment each second.
		YOYAKU			

Software Upgrade Procedure (for Europe model (separate type))

1. About each microcomputer software rewriting

Caution: While rewriting a microcomputer software, never power off the unit. Otherwise the system may be damaged beyond recovery.

2-1. Upgrading of software

The software of this model is divided into the following three software.

1. Main software
2. Monitor microcomputer software
3. Card microcomputer software

The main software and the monitor microcomputer software can be upgraded by using a general-purpose SD memory card, while the card microcomputer software by using a PC card. The followings are the procedures for upgrading, explained separately for each of the main software, the monitor microcomputer software and the card microcomputer software.

1). Main software version upgrade

Get ready before you start

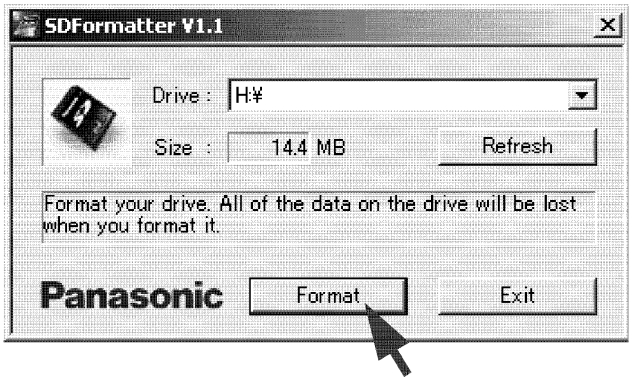
- SD memory card of 8MB or higher capacity
- PC running on Windows 98/98SE/ME/2000/XP operating system
- USB reader/writer and PC card adapter for reading and writing SD memory card
- Software for formatting SD card

(Downloadable at http://panasonic.jp/support/audio/sd/download/sd_formatter_e.html)

Preparation

To upgrade the main software, it is necessary to get ready the SD card for version upgrade before you start. Follow the steps below and create the SD card for version upgrade.

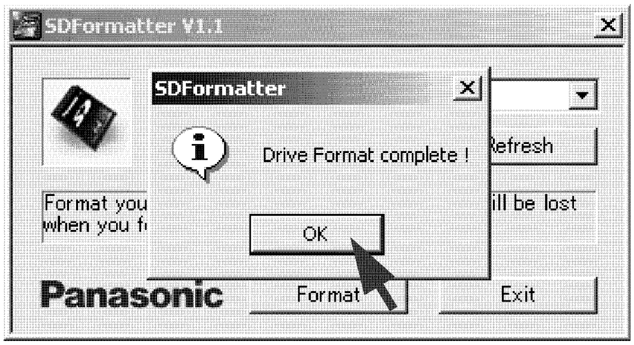
① Insert the SD card into the SD card reader/writer. Start the SD card formatting software. Click [Format].
(When you have the drive options, select the drive where the SD card is inserted before you proceed.)



Drive : H:¥
Size : 14.4 MB

Format your drive. All of the data on the drive will be lost when you format it.

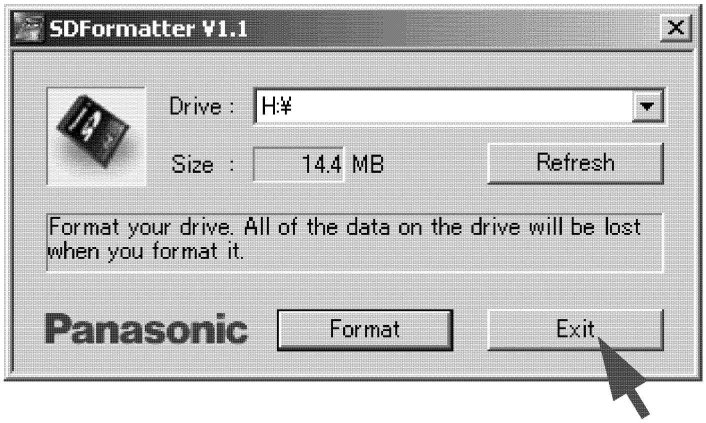
② When the formatting is over, the following window appears. Click [OK].



Drive Format complete !

③ Click [Exit] to finish the formatting.

∗ When you are done, take out the SD card once to make sure it is finished, and then insert it again.



H:¥

14.4 MB

Format your drive. All of the data on the drive will be lost when you format it.

④ Copy the binary image file KA1UAxxx.SDC (named temporarily) for version upgrade to the root directory (folder) of the SD card drive.

∗ In the SD card drive, do not put other folders or unrelated files, or more than one binary image files for version upgrade.

Now the SD card for version upgrade is ready.

How to upgrade the software

① Shut off the AC power to the AVC system (i.e. unplug the AC power cable). (The power supply by the side of a monitor is ON state.)

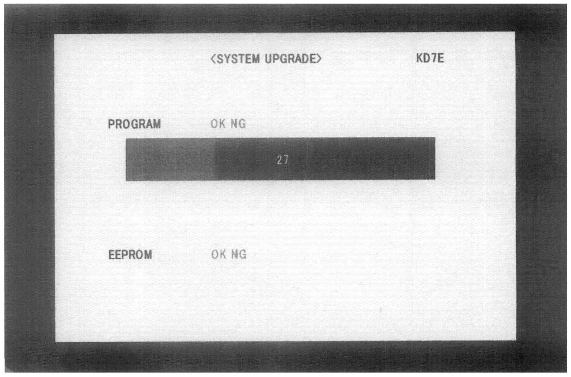
② Insert the SD card for version upgrade (prepared as above) into the service socket.

∗ If the SD card is inserted with wrong orientation, the card will go deep inside the unit beyond retrieval. Use due care to insert the SD card in a correct way.

③ While depressing the SYSTEM RESET button in the front of the AVC system, turn on the AC power (i.e. plug in the AC power cable).

∗ After the AVC system is started, you may release the SYSTEM RESET button.

④ After the AVC system startup, the system upgrade screen as shown below appears within about 10 seconds.



<SYSTEM UPGRADE> KD7E

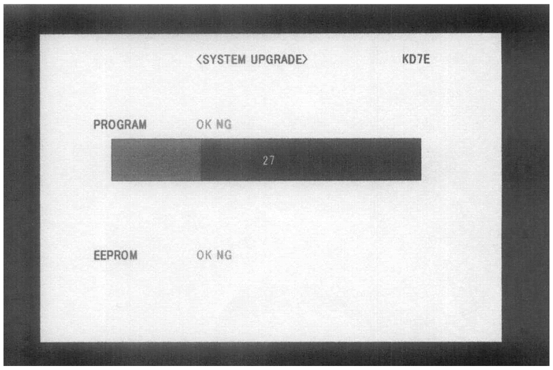
PROGRAM OK NG

27

EEPROM OK NG

⑤ Even a single failure in the process will trigger the upgrade failure screen as shown below. The word "NG" changes to red for the item failed.

∗ In the event of a failure, repeat the upgrading process. If the process repeatedly fails, the hardware failure is likely.



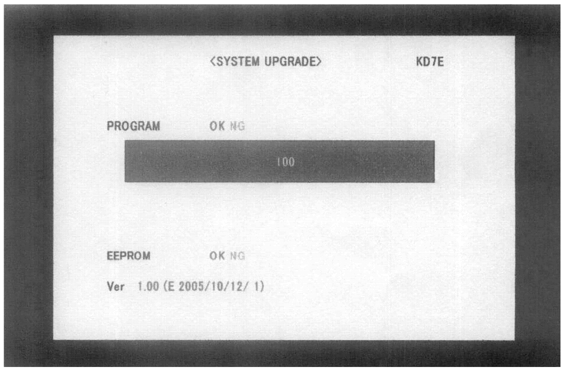
<SYSTEM UPGRADE> KD7E

PROGRAM OK NG

27

EEPROM OK NG

⑥ Upon completion of the whole process, the upgrade success screen as shown below appears. You can check the new software version on this screen. The version information appears after the upgrade is complete.
Program version: The version of main software is displayed.



<SYSTEM UPGRADE> KD7E

PROGRAM OK NG

100

EEPROM OK NG

Ver 1.00 (E 2005/10/12/ 1)

⑦ Shut off the AC power to the AVC system (unplug the AC power cable), and remove the SD card for version upgrade.

⑧ Now the software version upgrade is complete.

∗ When you are done with the software version upgrade, start the unit, go to the top page of the adjustment process screen and check the main software version information.

2). Monitor microprocessor software version upgrade

Get ready before you begin

Get ready the same items as listed in the "Main software version upgrade".

Preparation

Create the SD card for monitor microprocessor software version upgrade in the same manner as explained in the "Main software version upgrade". Copy the binary image file for monitor microprocessor software version upgrade to the SD card drive.

How to upgrade the software

During the monitor microprocessor software version upgrade, the progress of upgrading is not shown on the display screen. The upgrading process is seen in the blinking of the power LED.

① Shut off the AC power to the unit (i.e. unplug the AC cord).
② Insert the SD card for version upgrade (prepared as above) into the service socket.

Note: If the SD card isn't inserted properly, the card will go deep inside the unit beyond retrieval. Take due care to insert the SD card correctly.

Note: If the SD card is inserted in a wrong way, the card will go deep inside the unit beyond retrieval. Take due care to insert the SD card correctly.

③ While depressing the SYSTEM RESET button, turn on the AC power (i.e. plug in the AC cord).(The power supply by the side of a monitor is ON state.)
∗ After startup of the unit, you may release the SYSTEM RESET button.

Caution!!
The moment this operation is done, the upgrading of the monitor microprocessor software starts. While the upgrade is ongoing, never power off the unit. Otherwise the upgrade will fail and the system may have a serious damage beyond recovery (inability to start).

④ After startup of the unit, the power LED starts flashing within 10 or so seconds.
⑤ Wait until the power LED stops flashing, the unit restarts automatically and then the normal startup screen appears (it will take 2-3 minutes).
⑥ Shut off the AC power to the unit (unplug the AC cord), and remove the SD card for version upgrade.
⑦ Now the software version upgrade is complete.

Note: When you are done with the software version upgrade, start the set, go to the top page of the adjustment process screen and check the monitor microprocessor software version information.

3). Card microprocessor software version upgrade

Get ready before you start

- CF (Compact Flash) of 32MB or higher capacity
- PCMCIA adapter for CF
- PC with PCMCIA slot running on Windows 98/98SE/ME/2000/XP operating system

Creating the PC card for version upgrade

Formatting the PC card

① Insert the PC card into the PC card slot.
② Open [My Computer] window, choose the relevant drive (e.g. H drive) and right-click it.
③ Select [Format] in the menu.
④ Under the file system, there are [FAT32] and [FAT] options. Select [FAT], and click [Start].
⑤ A dialog box requesting your confirmation appears. Click [OK].

⑥ Wait until the formatting is over. Then click [OK].
After this, click [Close].

Creating a new "boot" folder directly under the card root directory

① Create H:¥boot if the card is in H:¥drive.
② Click [File], point to [New Creation], and click [Folder].
③ Rename the folder as [boot].

Copying the version upgrade file to the PC card

Using a drag-and-drop action, copy the "aqb5cu.img" (temporarily named) file for version upgrade to the "boot" folder.

Removing the PC card

① Click [Safely removing hardware] in the task bar, select [PCMCIA IDE/ATAPI Controller], and click [Stop].
② Select PC card in [Stop hardware device], and click [OK].
③ After confirming that you can safely remove the hardware, remove the PC card.
Now the PC card for version upgrade is ready.

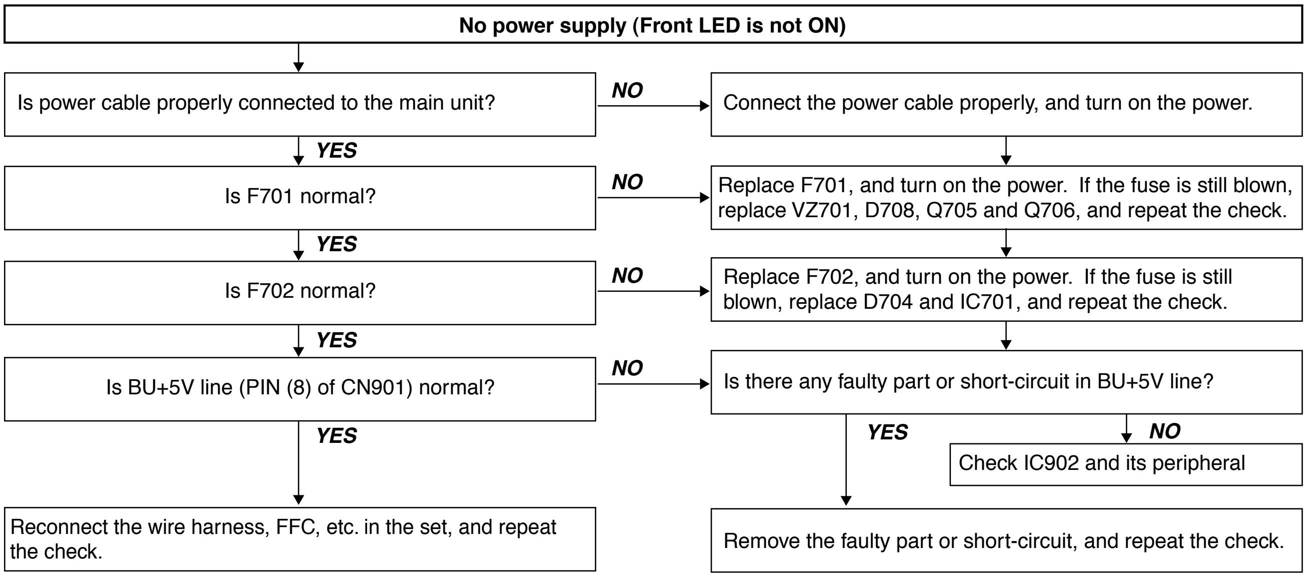
How to rewrite the software

After rewriting the software, check the version No. in the process mode.

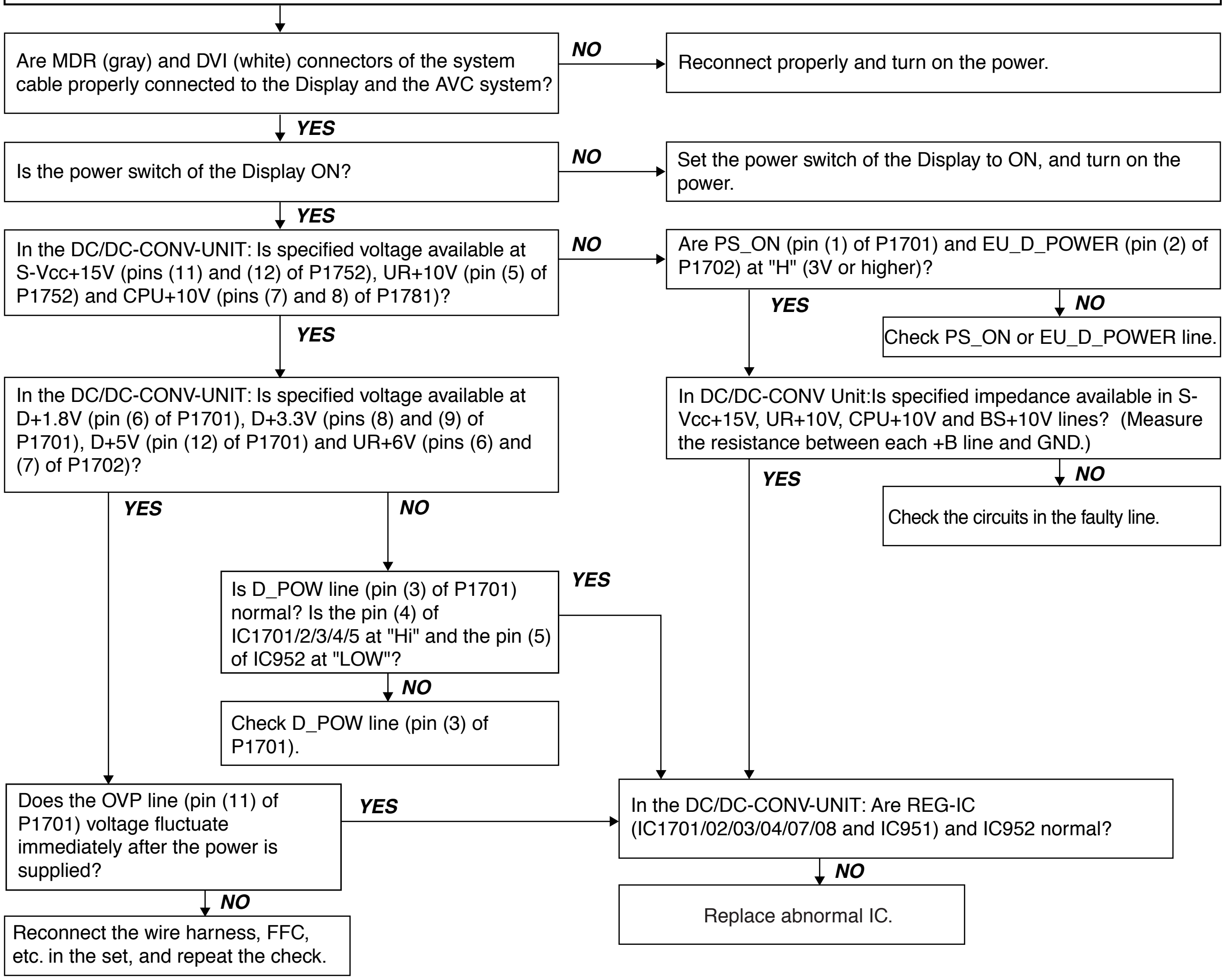
① With the set still powered on, pull the AC power plug out of the wall outlet to turn it off forcedly.
② Insert into the set the PC card created in "Creating the PC card for version upgrade" described above.
③ Insert the AC power plug back into the wall outlet.
④ Select the card mode by pressing the menu button.
⑤ The card microcomputer programs are read from the PC card automatically.
Wait for about 2 minutes until the reading is completed.
"NOW BLOCK NUMBER ERASING" appears on the OSD.
"NOW FLASH WRITING NUMBER" appears.
"VERIFYING" appears.
"UPDATE SUCCEEDED" appears.
If "Card error…" appears, wait a while. To check the process, press the menu button.
Step 2:
After "Card is being read" appears, the PC card thumbnail screen returns.
* If the reading ends in failure, perform the above steps 1 to 5 again after power-off.
⑥ Disconnect the AC power plug from the wall outlet to turn off the set forcedly.

TROUBLESHOOTING TABLE (TU-65GD1E)

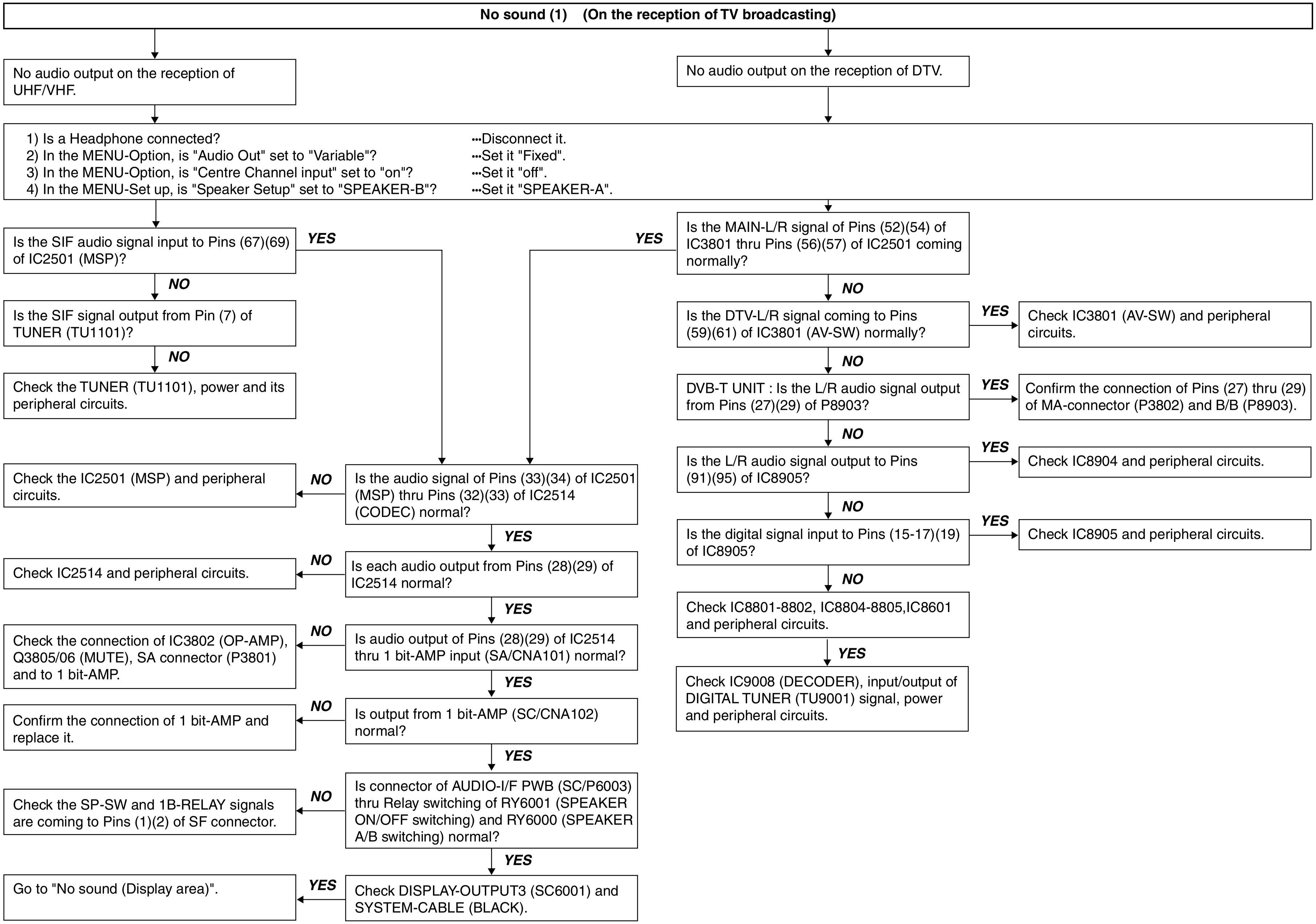
No power supply (Front LED is not ON)


Is power cable properly connected to the main unit?
NO
Connect the power cable properly, and turn on the power.
YES
Is F701 normal?
NO
Replace F701, and turn on the power. If the fuse is still blown, replace VZ701, D708, Q705 and Q706, and repeat the check.
YES
Is F702 normal?
NO
Replace F702, and turn on the power. If the fuse is still blown, replace D704 and IC701, and repeat the check.
YES
Is BU+5V line (PIN (8) of CN901) normal?
NO
Is there any faulty part or short-circuit in BU+5V line?
YES
Reconnect the wire harness, FFC, etc. in the set, and repeat the check.
YES
NO
Check IC902 and its peripheral
Remove the faulty part or short-circuit, and repeat the check.

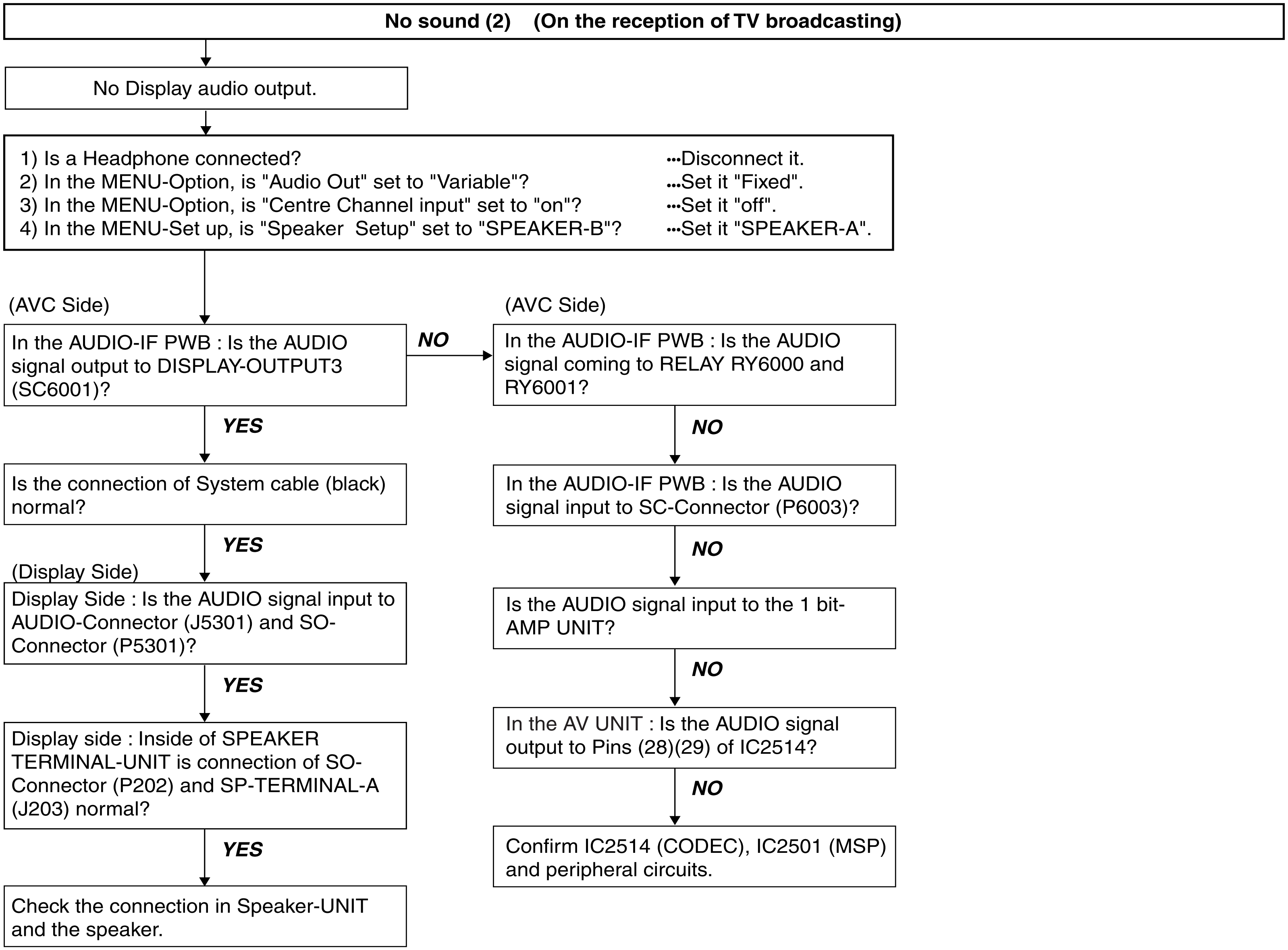
No power-up (Front LED does not change from red to green)


Are MDR (gray) and DVI (white) connectors of the system cable properly connected to the Display and the AVC system?
NO
Reconnect properly and turn on the power.
YES
Is the power switch of the Display ON?
NO
Set the power switch of the Display to ON, and turn on the power.
YES
In the DC/DC-CONV-UNIT: Is specified voltage available at S-Vcc+15V (pins (11) and (12) of P1752), UR+10V (pin (5) of P1752) and CPU+10V (pins (7) and 8) of P1781)?
NO
Are PS_ON (pin (1) of P1701) and EU_D_POWER (pin (2) of P1702) at "H" (3V or higher)?
YES
NO
Check PS_ON or EU_D_POWER line.
YES
In the DC/DC-CONV-UNIT: Is specified voltage available at D+1.8V (pin (6) of P1701), D+3.3V (pins (8) and (9) of P1701), D+5V (pin (12) of P1701) and UR+6V (pins (6) and (7) of P1702)?
In DC/DC-CONV Unit:Is specified impedance available in S-Vcc+15V, UR+10V, CPU+10V and BS+10V lines? (Measure the resistance between each +B line and GND.)
YES
NO
Check the circuits in the faulty line.
YES
NO
Is D_POW line (pin (3) of P1701) normal? Is the pin (4) of IC1701/2/3/4/5 at "Hi" and the pin (5) of IC952 at "LOW"?
YES
NO
Check D_POW line (pin (3) of P1701).
Does the OVP line (pin (11) of P1701) voltage fluctuate immediately after the power is supplied?
YES
In the DC/DC-CONV-UNIT: Are REG-IC (IC1701/02/03/04/07/08 and IC951) and IC952 normal?
NO
Reconnect the wire harness, FFC, etc. in the set, and repeat the check.
NO
Replace abnormal IC.

TROUBLESHOOTING TABLE (Continued)


No sound (1) (On the reception of TV broadcasting)
No audio output on the reception of UHF/VHF.
No audio output on the reception of DTV.
1) Is a Headphone connected? ···Disconnect it.
2) In the MENU-Option, is "Audio Out" set to "Variable"? ···Set it "Fixed".
3) In the MENU-Option, is "Centre Channel input" set to "on"? ···Set it "off".
4) In the MENU-Set up, is "Speaker Setup" set to "SPEAKER-B"? ···Set it "SPEAKER-A".
Is the SIF audio signal input to Pins (67)(69) of IC2501 (MSP)?
YES
NO
Is the SIF signal output from Pin (7) of TUNER (TU1101)?
NO
Check the TUNER (TU1101), power and its peripheral circuits.
Is the MAIN-L/R signal of Pins (52)(54) of IC3801 thru Pins (56)(57) of IC2501 coming normally?
YES
NO
Is the DTV-L/R signal coming to Pins (59)(61) of IC3801 (AV-SW) normally?
YES
Check IC3801 (AV-SW) and peripheral circuits.
NO
DVB-T UNIT : Is the L/R audio signal output from Pins (27)(29) of P8903?
YES
Confirm the connection of Pins (27) thru (29) of MA-connector (P3802) and B/B (P8903).
NO
Is the L/R audio signal output to Pins (91)(95) of IC8905?
YES
Check IC8904 and peripheral circuits.
NO
Is the digital signal input to Pins (15-17)(19) of IC8905?
YES
Check IC8905 and peripheral circuits.
NO
Check IC8801-8802, IC8804-8805,IC8601 and peripheral circuits.
YES
Check IC9008 (DECODER), input/output of DIGITAL TUNER (TU9001) signal, power and peripheral circuits.
Is the audio signal of Pins (33)(34) of IC2501 (MSP) thru Pins (32)(33) of IC2514 (CODEC) normal?
NO
Check the IC2501 (MSP) and peripheral circuits.
YES
Is each audio output from Pins (28)(29) of IC2514 normal?
NO
Check IC2514 and peripheral circuits.
YES
Is audio output of Pins (28)(29) of IC2514 thru 1 bit-AMP input (SA/CNA101) normal?
NO
Check the connection of IC3802 (OP-AMP), Q3805/06 (MUTE), SA connector (P3801) and to 1 bit-AMP.
YES
Is output from 1 bit-AMP (SC/CNA102) normal?
NO
Confirm the connection of 1 bit-AMP and replace it.
YES
Is connector of AUDIO-I/F PWB (SC/P6003) thru Relay switching of RY6001 (SPEAKER ON/OFF switching) and RY6000 (SPEAKER A/B switching) normal?
NO
Check the SP-SW and 1B-RELAY signals are coming to Pins (1)(2) of SF connector.
YES
Check DISPLAY-OUTPUT3 (SC6001) and SYSTEM-CABLE (BLACK).
YES
Go to "No sound (Display area)".

TROUBLESHOOTING TABLE (Continued)



No sound (2) (On the reception of TV broadcasting)

No Display audio output.

1) Is a Headphone connected? ···Disconnect it.
2) In the MENU-Option, is "Audio Out" set to "Variable"? ···Set it "Fixed".
3) In the MENU-Option, is "Centre Channel input" set to "on"? ···Set it "off".
4) In the MENU-Set up, is "Speaker Setup" set to "SPEAKER-B"? ···Set it "SPEAKER-A".

(AVC Side)
In the AUDIO-IF PWB : Is the AUDIO signal output to DISPLAY-OUTPUT3 (SC6001)?

Is the connection of System cable (black) normal?

(Display Side)
Display Side : Is the AUDIO signal input to AUDIO-Connector (J5301) and SO-Connector (P5301)?

Display side : Inside of SPEAKER TERMINAL-UNIT is connection of SO-Connector (P202) and SP-TERMINAL-A (J203) normal?

Check the connection in Speaker-UNIT and the speaker.

(AVC Side)
In the AUDIO-IF PWB : Is the AUDIO signal coming to RELAY RY6000 and RY6001?

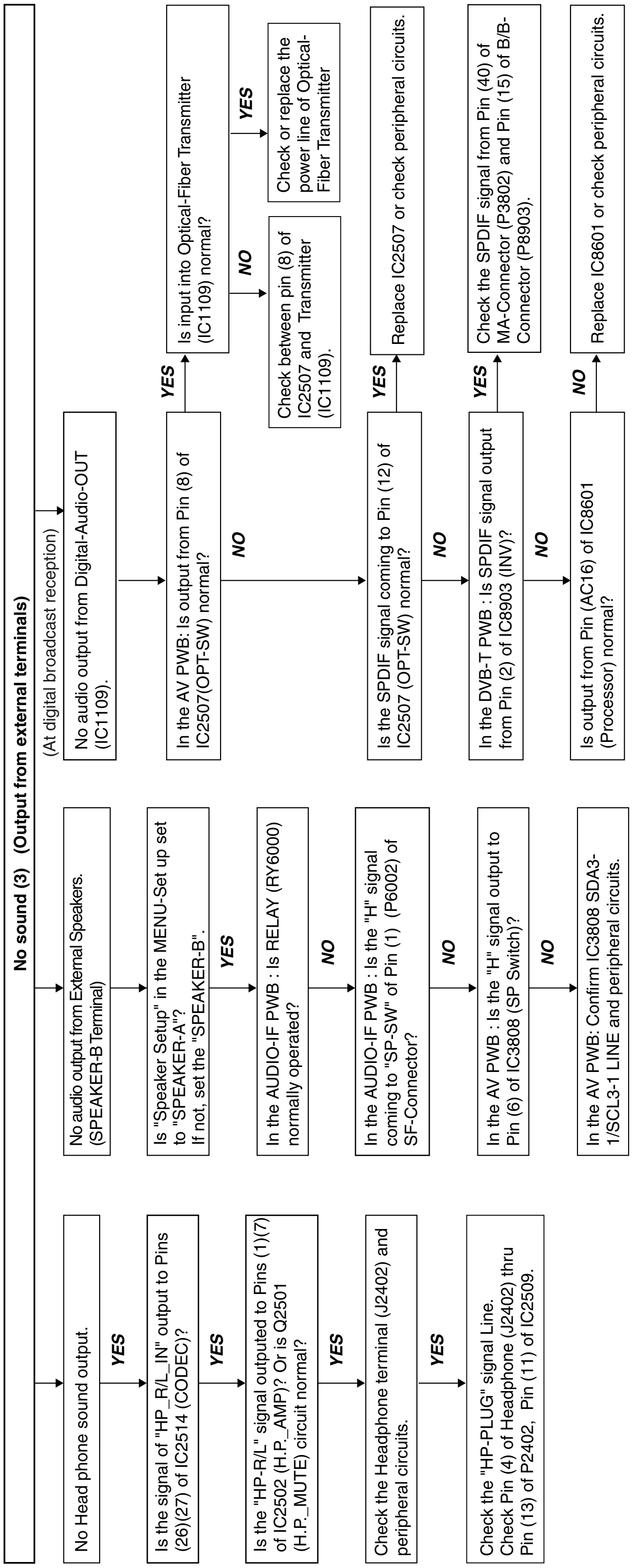
In the AUDIO-IF PWB : Is the AUDIO signal input to SC-Connector (P6003)?

Is the AUDIO signal input to the 1 bit-AMP UNIT?

In the AV UNIT : Is the AUDIO signal output to Pins (28)(29) of IC2514?

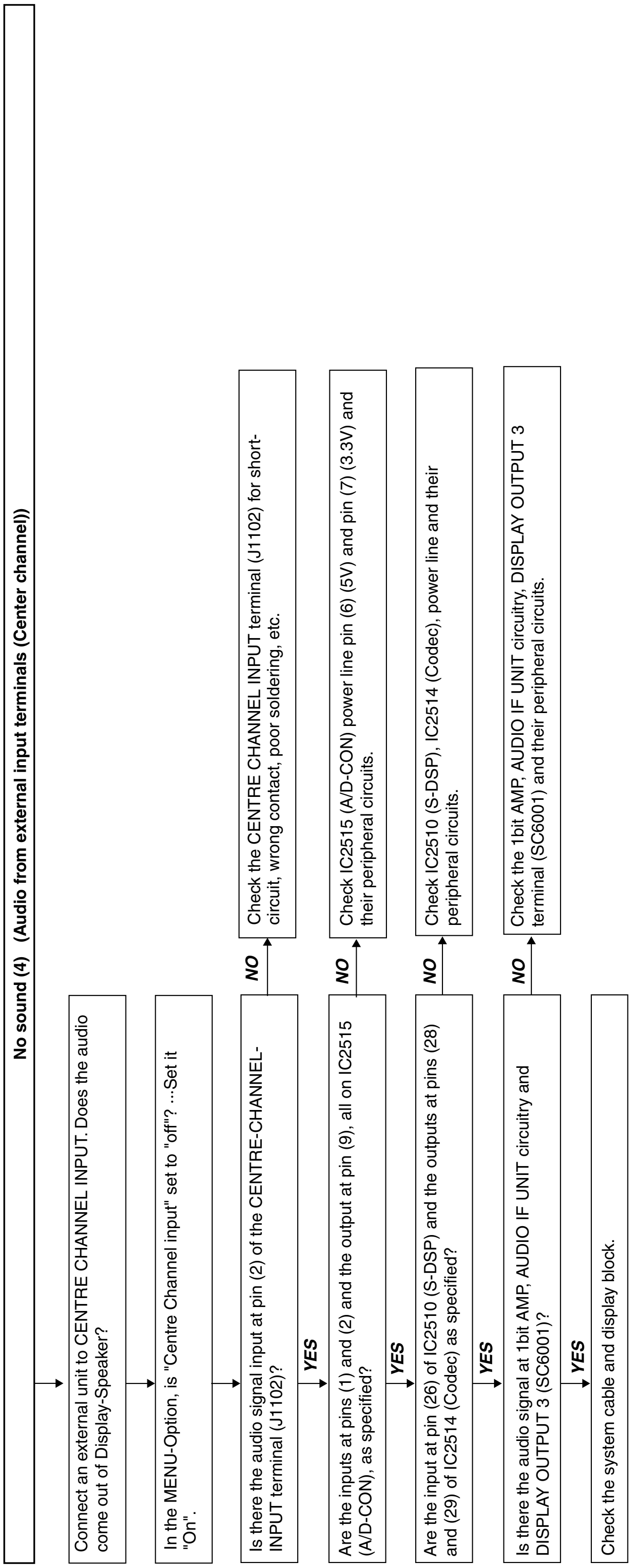
Confirm IC2514 (CODEC), IC2501 (MSP) and peripheral circuits.

TROUBLESHOOTING TABLE (Continued)



No sound (3) (Output from external terminals)

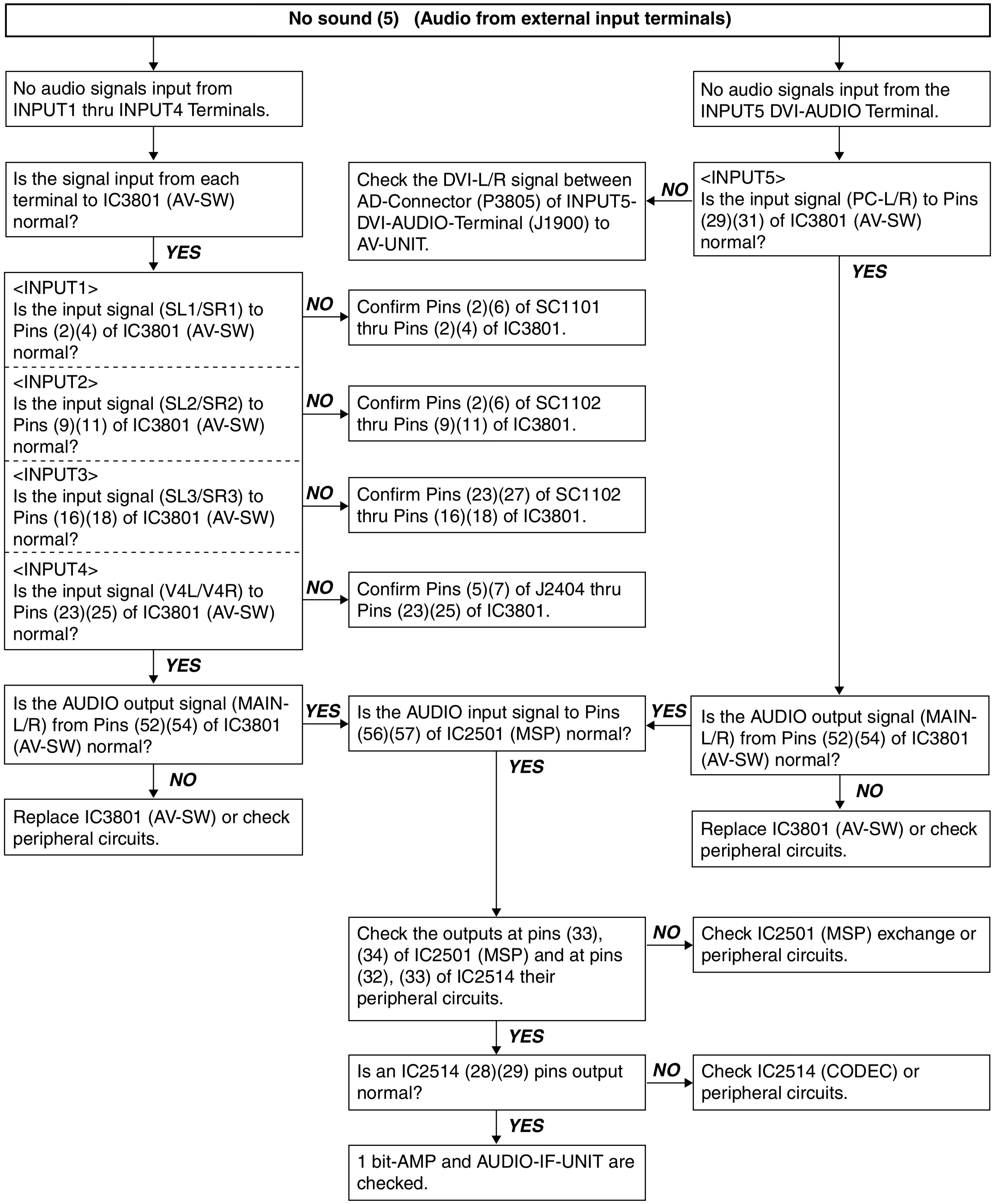
- No Head phone sound output.
  - YES → Is the signal of "HP_R/L_IN" output to Pins (26)(27) of IC2514 (CODEC)?
    - YES → Is the "HP-R/L" signal outputed to Pins (1)(7) of IC2502 (H.P._AMP)? Or is Q2501 (H.P._MUTE) circuit normal?
      - YES → Check the Headphone terminal (J2402) and peripheral circuits.
        - YES → Check the "HP-PLUG" signal Line. Check Pin (4) of Headphone (J2402) thru Pin (13) of P2402, Pin (11) of IC2509.
- No audio output from External Speakers. (SPEAKER-B Terminal)
  - Is "Speaker Setup" in the MENU-Set up set to "SPEAKER-A"? If not, set the "SPEAKER-B".
    - YES → In the AUDIO-IF PWB : Is RELAY (RY6000) normally operated?
      - NO → In the AUDIO-IF PWB : Is the "H" signal coming to "SP-SW" of Pin (1) (P6002) of SF-Connector?
        - NO → In the AV PWB : Is the "H" signal output to Pin (6) of IC3808 (SP Switch)?
          - NO → In the AV PWB: Confirm IC3808 SDA3-1/SCL3-1 LINE and peripheral circuits.
- (At digital broadcast reception) No audio output from Digital-Audio-OUT (IC1109).
  - In the AV PWB: Is output from Pin (8) of IC2507(OPT-SW) normal?
    - YES → Is input into Optical-Fiber Transmitter (IC1109) normal?
      - NO → Check between pin (8) of IC2507 and Transmitter (IC1109).
      - YES → Check or replace the power line of Optical-Fiber Transmitter
    - NO → Is the SPDIF signal coming to Pin (12) of IC2507 (OPT-SW) normal?
      - YES → Replace IC2507 or check peripheral circuits.
      - NO → In the DVB-T PWB : Is SPDIF signal output from Pin (2) of IC8903 (INV)?
        - YES → Check the SPDIF signal from Pin (40) of MA-Connector (P3802) and Pin (15) of B/B-Connector (P8903).
        - NO → Is output from Pin (AC16) of IC8601 (Processor) normal?
          - NO → Replace IC8601 or check peripheral circuits.



No sound (4) (Audio from external input terminals (Center channel))

- Connect an external unit to CENTRE CHANNEL INPUT. Does the audio come out of Display-Speaker?
  - In the MENU-Option, is "Centre Channel input" set to "off"? ...Set it "On".
    - Is there the audio signal input at pin (2) of the CENTRE-CHANNEL-INPUT terminal (J1102)?
      - NO → Check the CENTRE CHANNEL INPUT terminal (J1102) for short-circuit, wrong contact, poor soldering, etc.
      - YES → Are the inputs at pins (1) and (2) and the output at pin (9), all on IC2515 (A/D-CON), as specified?
        - NO → Check IC2515 (A/D-CON) power line pin (6) (5V) and pin (7) (3.3V) and their peripheral circuits.
        - YES → Are the input at pin (26) of IC2510 (S-DSP) and the outputs at pins (28) and (29) of IC2514 (Codec) as specified?
          - NO → Check IC2510 (S-DSP), IC2514 (Codec), power line and their peripheral circuits.
          - YES → Is there the audio signal at 1bit AMP, AUDIO IF UNIT circuitry and DISPLAY OUTPUT 3 (SC6001)?
            - NO → Check the 1bit AMP, AUDIO IF UNIT circuitry, DISPLAY OUTPUT 3 terminal (SC6001) and their peripheral circuits.
            - YES → Check the system cable and display block.

TROUBLESHOOTING TABLE (Continued)



No sound (5) (Audio from external input terminals)

No audio signals input from INPUT1 thru INPUT4 Terminals.

Is the signal input from each terminal to IC3801 (AV-SW) normal?

YES

<INPUT1>
Is the input signal (SL1/SR1) to Pins (2)(4) of IC3801 (AV-SW) normal?
NO → Confirm Pins (2)(6) of SC1101 thru Pins (2)(4) of IC3801.

<INPUT2>
Is the input signal (SL2/SR2) to Pins (9)(11) of IC3801 (AV-SW) normal?
NO → Confirm Pins (2)(6) of SC1102 thru Pins (9)(11) of IC3801.

<INPUT3>
Is the input signal (SL3/SR3) to Pins (16)(18) of IC3801 (AV-SW) normal?
NO → Confirm Pins (23)(27) of SC1102 thru Pins (16)(18) of IC3801.

<INPUT4>
Is the input signal (V4L/V4R) to Pins (23)(25) of IC3801 (AV-SW) normal?
NO → Confirm Pins (5)(7) of J2404 thru Pins (23)(25) of IC3801.

YES

Is the AUDIO output signal (MAIN-L/R) from Pins (52)(54) of IC3801 (AV-SW) normal?
NO → Replace IC3801 (AV-SW) or check peripheral circuits.
YES → Is the AUDIO input signal to Pins (56)(57) of IC2501 (MSP) normal?

No audio signals input from the INPUT5 DVI-AUDIO Terminal.

<INPUT5>
Is the input signal (PC-L/R) to Pins (29)(31) of IC3801 (AV-SW) normal?
NO → Check the DVI-L/R signal between AD-Connector (P3805) of INPUT5-DVI-AUDIO-Terminal (J1900) to AV-UNIT.

YES

Is the AUDIO output signal (MAIN-L/R) from Pins (52)(54) of IC3801 (AV-SW) normal?
NO → Replace IC3801 (AV-SW) or check peripheral circuits.
YES → Is the AUDIO input signal to Pins (56)(57) of IC2501 (MSP) normal?

Is the AUDIO input signal to Pins (56)(57) of IC2501 (MSP) normal?

YES

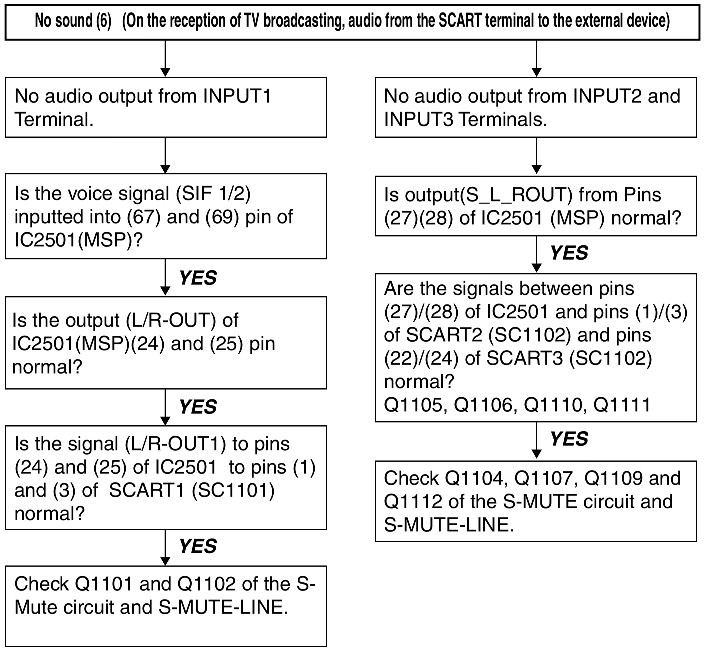
Check the outputs at pins (33), (34) of IC2501 (MSP) and at pins (32), (33) of IC2514 their peripheral circuits.
NO → Check IC2501 (MSP) exchange or peripheral circuits.

YES

Is an IC2514 (28)(29) pins output normal?
NO → Check IC2514 (CODEC) or peripheral circuits.

YES

1 bit-AMP and AUDIO-IF-UNIT are checked.



No sound (6) (On the reception of TV broadcasting, audio from the SCART terminal to the external device)

No audio output from INPUT1 Terminal.

Is the voice signal (SIF 1/2) inputted into (67) and (69) pin of IC2501(MSP)?

YES

Is the output (L/R-OUT) of IC2501(MSP)(24) and (25) pin normal?

YES

Is the signal (L/R-OUT1) to pins (24) and (25) of IC2501 to pins (1) and (3) of SCART1 (SC1101) normal?

YES

Check Q1101 and Q1102 of the S-Mute circuit and S-MUTE-LINE.

No audio output from INPUT2 and INPUT3 Terminals.

Is output(S_L_ROUT) from Pins (27)(28) of IC2501 (MSP) normal?

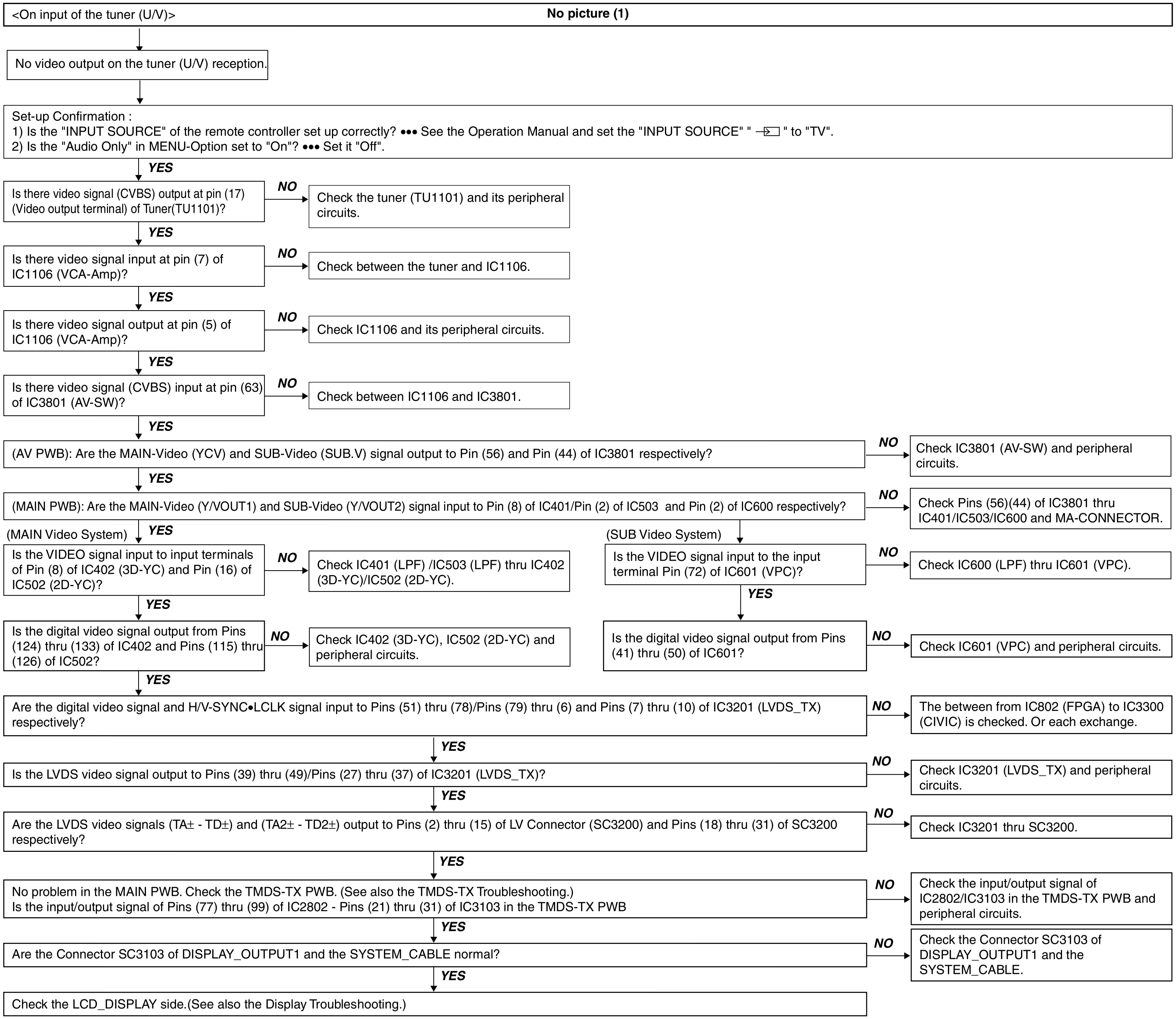
YES

Are the signals between pins (27)/(28) of IC2501 and pins (1)/(3) of SCART2 (SC1102) and pins (22)/(24) of SCART3 (SC1102) normal?
Q1105, Q1106, Q1110, Q1111

YES

Check Q1104, Q1107, Q1109 and Q1112 of the S-MUTE circuit and S-MUTE-LINE.

TROUBLESHOOTING TABLE (Continued)



<On input of the tuner (U/V)>

No picture (1)

No video output on the tuner (U/V) reception.

Set-up Confirmation :
1) Is the "INPUT SOURCE" of the remote controller set up correctly? ••• See the Operation Manual and set the "INPUT SOURCE" " ⇥ " to "TV".
2) Is the "Audio Only" in MENU-Option set to "On"? ••• Set it "Off".

Is there video signal (CVBS) output at pin (17) (Video output terminal) of Tuner(TU1101)? — NO: Check the tuner (TU1101) and its peripheral circuits.

Is there video signal input at pin (7) of IC1106 (VCA-Amp)? — NO: Check between the tuner and IC1106.

Is there video signal output at pin (5) of IC1106 (VCA-Amp)? — NO: Check IC1106 and its peripheral circuits.

Is there video signal (CVBS) input at pin (63) of IC3801 (AV-SW)? — NO: Check between IC1106 and IC3801.

(AV PWB): Are the MAIN-Video (YCV) and SUB-Video (SUB.V) signal output to Pin (56) and Pin (44) of IC3801 respectively? — NO: Check IC3801 (AV-SW) and peripheral circuits.

(MAIN PWB): Are the MAIN-Video (Y/VOUT1) and SUB-Video (Y/VOUT2) signal input to Pin (8) of IC401/Pin (2) of IC503 and Pin (2) of IC600 respectively? — NO: Check Pins (56)(44) of IC3801 thru IC401/IC503/IC600 and MA-CONNECTOR.

(MAIN Video System)

Is the VIDEO signal input to input terminals of Pin (8) of IC402 (3D-YC) and Pin (16) of IC502 (2D-YC)? — NO: Check IC401 (LPF) /IC503 (LPF) thru IC402 (3D-YC)/IC502 (2D-YC).

Is the digital video signal output from Pins (124) thru (133) of IC402 and Pins (115) thru (126) of IC502? — NO: Check IC402 (3D-YC), IC502 (2D-YC) and peripheral circuits.

(SUB Video System)

Is the VIDEO signal input to the input terminal Pin (72) of IC601 (VPC)? — NO: Check IC600 (LPF) thru IC601 (VPC).

Is the digital video signal output from Pins (41) thru (50) of IC601? — NO: Check IC601 (VPC) and peripheral circuits.

Are the digital video signal and H/V-SYNC•LCLK signal input to Pins (51) thru (78)/Pins (79) thru (6) and Pins (7) thru (10) of IC3201 (LVDS_TX) respectively? — NO: The between from IC802 (FPGA) to IC3300 (CIVIC) is checked. Or each exchange.

Is the LVDS video signal output to Pins (39) thru (49)/Pins (27) thru (37) of IC3201 (LVDS_TX)? — NO: Check IC3201 (LVDS_TX) and peripheral circuits.

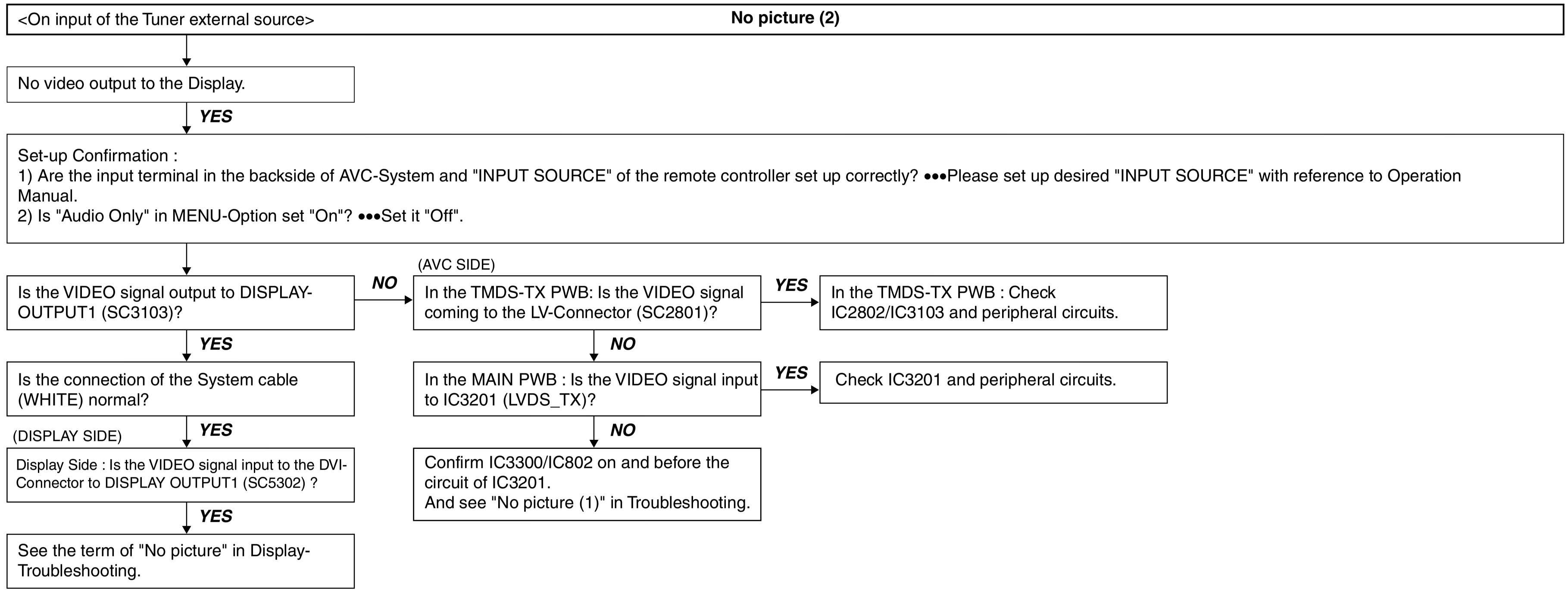
Are the LVDS video signals (TA± - TD±) and (TA2± - TD2±) output to Pins (2) thru (15) of LV Connector (SC3200) and Pins (18) thru (31) of SC3200 respectively? — NO: Check IC3201 thru SC3200.

No problem in the MAIN PWB. Check the TMDS-TX PWB. (See also the TMDS-TX Troubleshooting.)
Is the input/output signal of Pins (77) thru (99) of IC2802 - Pins (21) thru (31) of IC3103 in the TMDS-TX PWB — NO: Check the input/output signal of IC2802/IC3103 in the TMDS-TX PWB and peripheral circuits.

Are the Connector SC3103 of DISPLAY_OUTPUT1 and the SYSTEM_CABLE normal? — NO: Check the Connector SC3103 of DISPLAY_OUTPUT1 and the SYSTEM_CABLE.

Check the LCD_DISPLAY side.(See also the Display Troubleshooting.)

TROUBLESHOOTING TABLE (Continued)



<On input of the Tuner external source> **No picture (2)**

No video output to the Display.

YES

Set-up Confirmation :
1) Are the input terminal in the backside of AVC-System and "INPUT SOURCE" of the remote controller set up correctly? •••Please set up desired "INPUT SOURCE" with reference to Operation Manual.
2) Is "Audio Only" in MENU-Option set "On"? •••Set it "Off".

Is the VIDEO signal output to DISPLAY-OUTPUT1 (SC3103)?

NO → (AVC SIDE) In the TMDS-TX PWB: Is the VIDEO signal coming to the LV-Connector (SC2801)?

YES → In the TMDS-TX PWB : Check IC2802/IC3103 and peripheral circuits.

NO → In the MAIN PWB : Is the VIDEO signal input to IC3201 (LVDS_TX)?

YES → Check IC3201 and peripheral circuits.

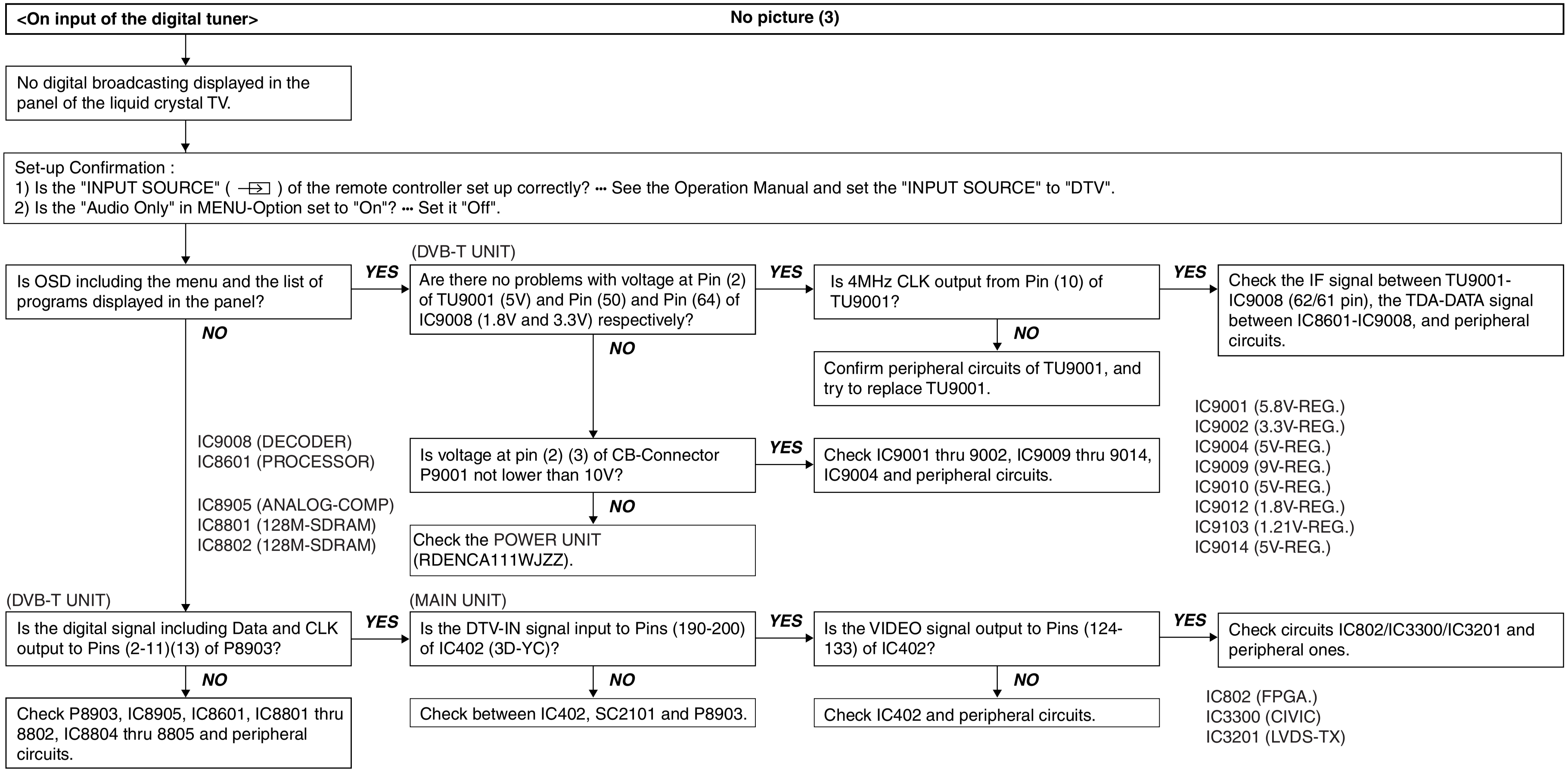
NO → Confirm IC3300/IC802 on and before the circuit of IC3201.
And see "No picture (1)" in Troubleshooting.

YES → Is the connection of the System cable (WHITE) normal?

YES → (DISPLAY SIDE) Display Side : Is the VIDEO signal input to the DVI-Connector to DISPLAY OUTPUT1 (SC5302) ?

YES → See the term of "No picture" in Display-Troubleshooting.

TROUBLESHOOTING TABLE (Continued)



<On input of the digital tuner> **No picture (3)**

No digital broadcasting displayed in the panel of the liquid crystal TV.

Set-up Confirmation :
1) Is the "INPUT SOURCE" (⇥) of the remote controller set up correctly? ⋯ See the Operation Manual and set the "INPUT SOURCE" to "DTV".
2) Is the "Audio Only" in MENU-Option set to "On"? ⋯ Set it "Off".

Is OSD including the menu and the list of programs displayed in the panel?

YES → (DVB-T UNIT) Are there no problems with voltage at Pin (2) of TU9001 (5V) and Pin (50) and Pin (64) of IC9008 (1.8V and 3.3V) respectively?

YES → Is 4MHz CLK output from Pin (10) of TU9001?

YES → Check the IF signal between TU9001-IC9008 (62/61 pin), the TDA-DATA signal between IC8601-IC9008, and peripheral circuits.

NO → Confirm peripheral circuits of TU9001, and try to replace TU9001.

NO → Is voltage at pin (2) (3) of CB-Connector P9001 not lower than 10V?

YES → Check IC9001 thru 9002, IC9009 thru 9014, IC9004 and peripheral circuits.

NO → Check the POWER UNIT (RDENCA111WJZZ).

IC9001 (5.8V-REG.)
IC9002 (3.3V-REG.)
IC9004 (5V-REG.)
IC9009 (9V-REG.)
IC9010 (5V-REG.)
IC9012 (1.8V-REG.)
IC9103 (1.21V-REG.)
IC9014 (5V-REG.)

NO → (DVB-T UNIT) Is the digital signal including Data and CLK output to Pins (2-11)(13) of P8903?

IC9008 (DECODER)
IC8601 (PROCESSOR)

IC8905 (ANALOG-COMP)
IC8801 (128M-SDRAM)
IC8802 (128M-SDRAM)

YES → (MAIN UNIT) Is the DTV-IN signal input to Pins (190-200) of IC402 (3D-YC)?

YES → Is the VIDEO signal output to Pins (124-133) of IC402?

YES → Check circuits IC802/IC3300/IC3201 and peripheral ones.

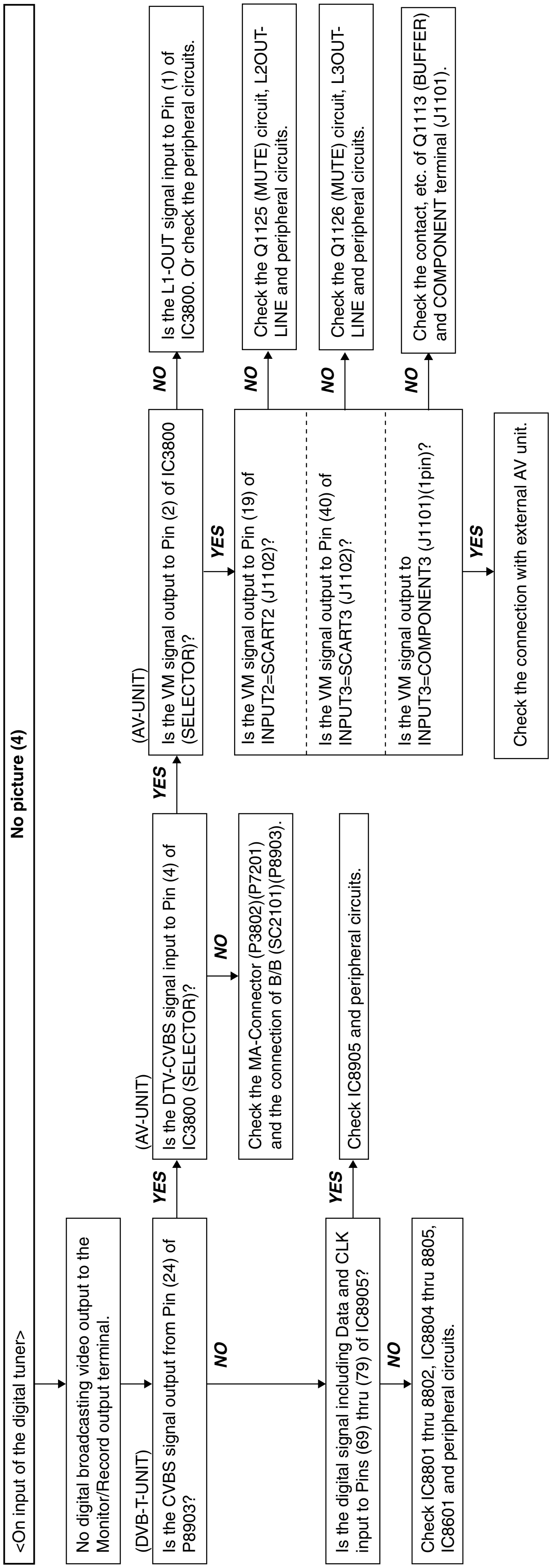
IC802 (FPGA.)
IC3300 (CIVIC)
IC3201 (LVDS-TX)

NO → Check IC402 and peripheral circuits.

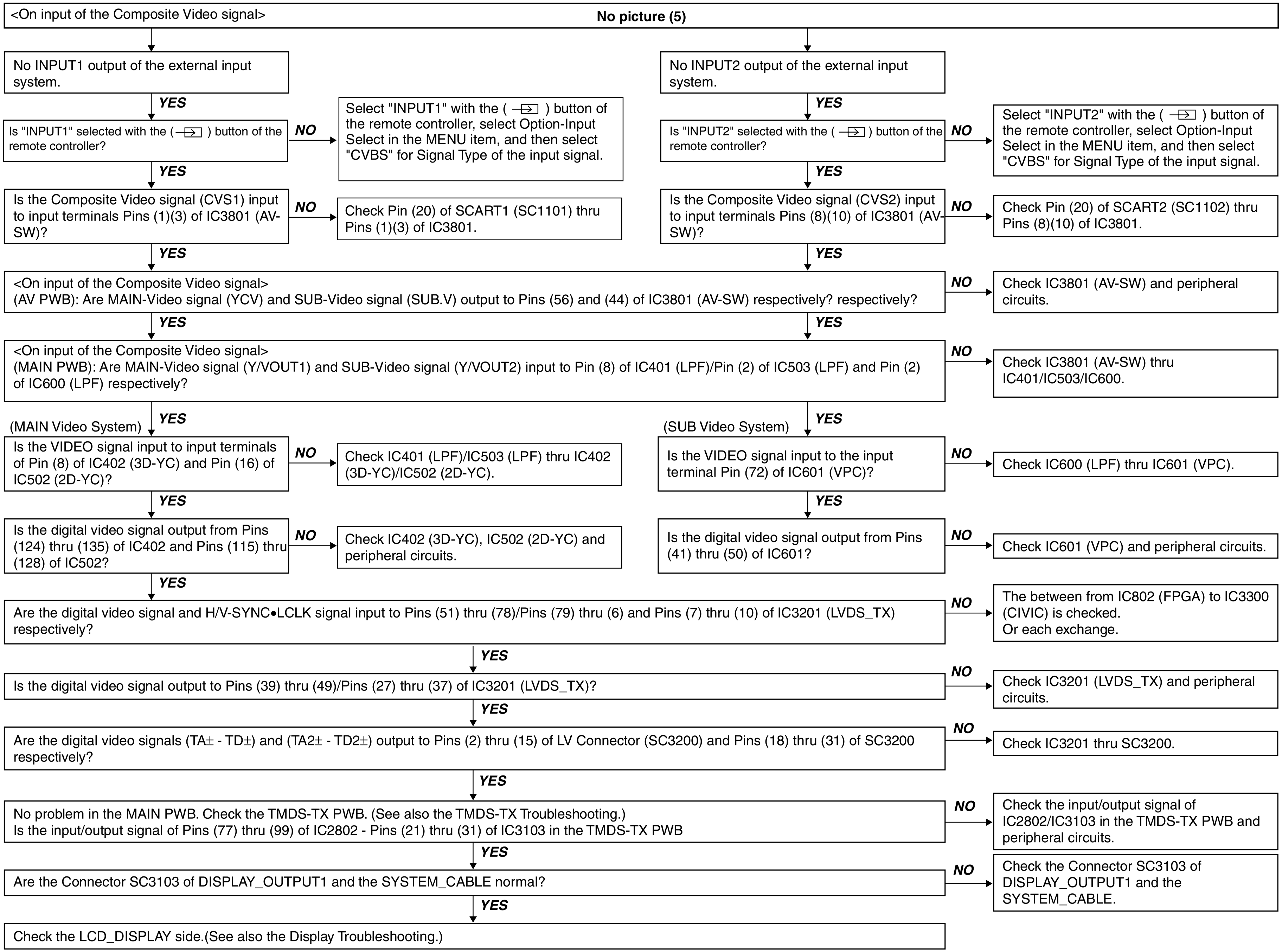
NO → Check between IC402, SC2101 and P8903.

NO → Check P8903, IC8905, IC8601, IC8801 thru 8802, IC8804 thru 8805 and peripheral circuits.

TROUBLESHOOTING TABLE (Continued)


<On input of the digital tuner>
No picture (4)
No digital broadcasting video output to the Monitor/Record output terminal.
(DVB-T-UNIT)
Is the CVBS signal output from Pin (24) of P8903?
YES
NO
(AV-UNIT)
Is the DTV-CVBS signal input to Pin (4) of IC3800 (SELECTOR)?
NO
Check the MA-Connector (P3802)(P7201) and the connection of B/B (SC2101)(P8903).
YES
(AV-UNIT)
Is the VM signal output to Pin (2) of IC3800 (SELECTOR)?
NO
Is the L1-OUT signal input to Pin (1) of IC3800. Or check the peripheral circuits.
YES
Is the VM signal output to Pin (19) of INPUT2=SCART2 (J1102)?
NO
Check the Q1125 (MUTE) circuit, L2OUT-LINE and peripheral circuits.
Is the VM signal output to Pin (40) of INPUT3=SCART3 (J1102)?
NO
Check the Q1126 (MUTE) circuit, L3OUT-LINE and peripheral circuits.
Is the VM signal output to INPUT3=COMPONENT3 (J1101)(1pin)?
NO
Check the contact, etc. of Q1113 (BUFFER) and COMPONENT terminal (J1101).
YES
Check the connection with external AV unit.
Is the digital signal including Data and CLK input to Pins (69) thru (79) of IC8905?
YES
Check IC8905 and peripheral circuits.
NO
Check IC8801 thru 8802, IC8804 thru 8805, IC8601 and peripheral circuits.

TROUBLESHOOTING TABLE (Continued)



No picture (5)

<On input of the Composite Video signal>

No INPUT1 output of the external input system.

Is "INPUT1" selected with the (⇥) button of the remote controller?

Select "INPUT1" with the (⇥) button of the remote controller, select Option-Input Select in the MENU item, and then select "CVBS" for Signal Type of the input signal.

Is the Composite Video signal (CVS1) input to input terminals Pins (1)(3) of IC3801 (AV-SW)?

Check Pin (20) of SCART1 (SC1101) thru Pins (1)(3) of IC3801.

No INPUT2 output of the external input system.

Is "INPUT2" selected with the (⇥) button of the remote controller?

Select "INPUT2" with the (⇥) button of the remote controller, select Option-Input Select in the MENU item, and then select "CVBS" for Signal Type of the input signal.

Is the Composite Video signal (CVS2) input to input terminals Pins (8)(10) of IC3801 (AV-SW)?

Check Pin (20) of SCART2 (SC1102) thru Pins (8)(10) of IC3801.

<On input of the Composite Video signal>
(AV PWB): Are MAIN-Video signal (YCV) and SUB-Video signal (SUB.V) output to Pins (56) and (44) of IC3801 (AV-SW) respectively? respectively?

Check IC3801 (AV-SW) and peripheral circuits.

<On input of the Composite Video signal>
(MAIN PWB): Are MAIN-Video signal (Y/VOUT1) and SUB-Video signal (Y/VOUT2) input to Pin (8) of IC401 (LPF)/Pin (2) of IC503 (LPF) and Pin (2) of IC600 (LPF) respectively?

Check IC3801 (AV-SW) thru IC401/IC503/IC600.

(MAIN Video System)

Is the VIDEO signal input to input terminals of Pin (8) of IC402 (3D-YC) and Pin (16) of IC502 (2D-YC)?

Check IC401 (LPF)/IC503 (LPF) thru IC402 (3D-YC)/IC502 (2D-YC).

Is the digital video signal output from Pins (124) thru (135) of IC402 and Pins (115) thru (128) of IC502?

Check IC402 (3D-YC), IC502 (2D-YC) and peripheral circuits.

(SUB Video System)

Is the VIDEO signal input to the input terminal Pin (72) of IC601 (VPC)?

Check IC600 (LPF) thru IC601 (VPC).

Is the digital video signal output from Pins (41) thru (50) of IC601?

Check IC601 (VPC) and peripheral circuits.

Are the digital video signal and H/V-SYNC•LCLK signal input to Pins (51) thru (78)/Pins (79) thru (6) and Pins (7) thru (10) of IC3201 (LVDS_TX) respectively?

The between from IC802 (FPGA) to IC3300 (CIVIC) is checked.
Or each exchange.

Is the digital video signal output to Pins (39) thru (49)/Pins (27) thru (37) of IC3201 (LVDS_TX)?

Check IC3201 (LVDS_TX) and peripheral circuits.

Are the digital video signals (TA± - TD±) and (TA2± - TD2±) output to Pins (2) thru (15) of LV Connector (SC3200) and Pins (18) thru (31) of SC3200 respectively?

Check IC3201 thru SC3200.

No problem in the MAIN PWB. Check the TMDS-TX PWB. (See also the TMDS-TX Troubleshooting.)
Is the input/output signal of Pins (77) thru (99) of IC2802 - Pins (21) thru (31) of IC3103 in the TMDS-TX PWB

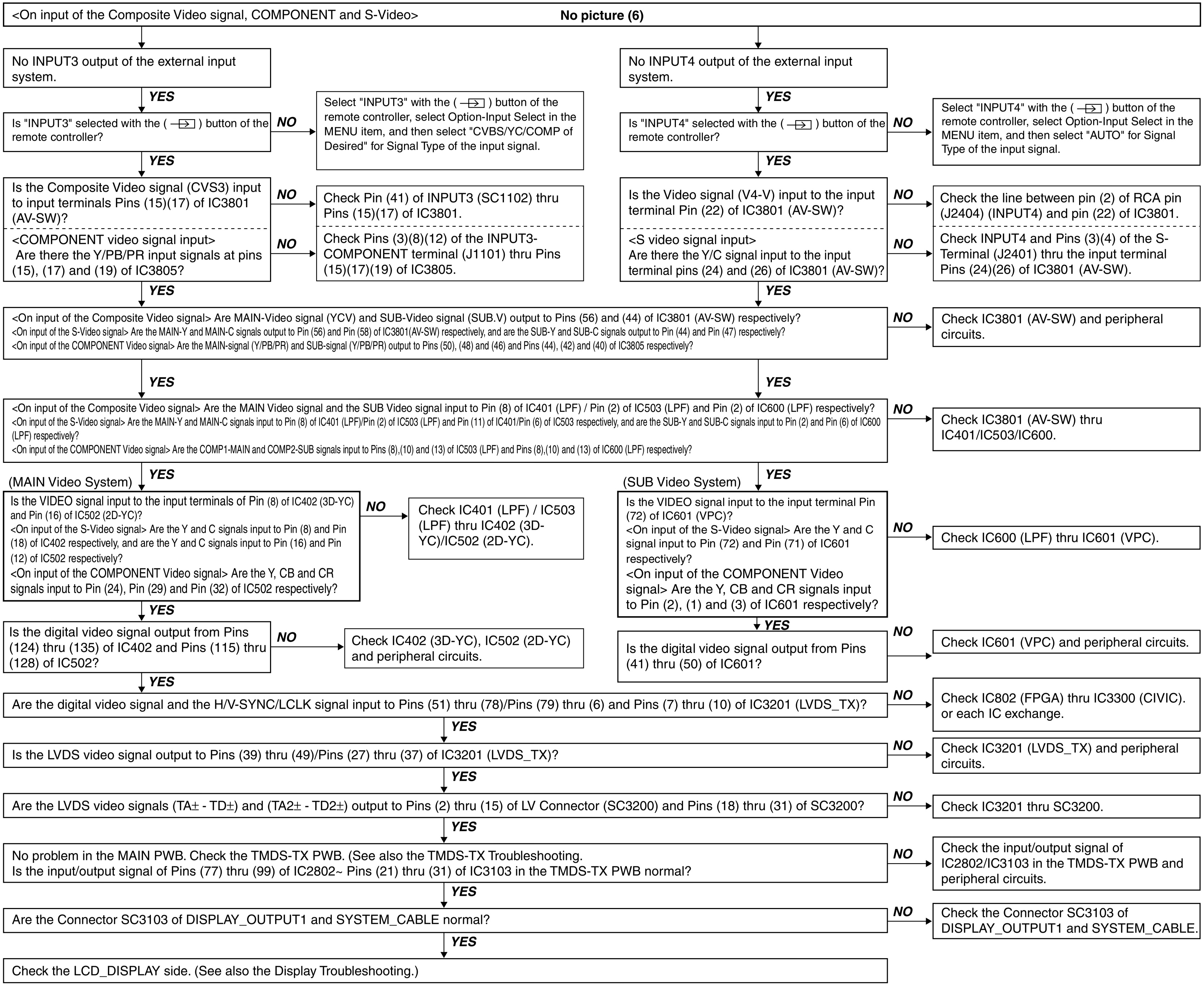
Check the input/output signal of IC2802/IC3103 in the TMDS-TX PWB and peripheral circuits.

Are the Connector SC3103 of DISPLAY_OUTPUT1 and the SYSTEM_CABLE normal?

Check the Connector SC3103 of DISPLAY_OUTPUT1 and the SYSTEM_CABLE.

Check the LCD_DISPLAY side.(See also the Display Troubleshooting.)

TROUBLESHOOTING TABLE (Continued)



<On input of the Composite Video signal, COMPONENT and S-Video> **No picture (6)**

No INPUT3 output of the external input system.

Is "INPUT3" selected with the (⇥) button of the remote controller?

Select "INPUT3" with the (⇥) button of the remote controller, select Option-Input Select in the MENU item, and then select "CVBS/YC/COMP of Desired" for Signal Type of the input signal.

Is the Composite Video signal (CVS3) input to input terminals Pins (15)(17) of IC3801 (AV-SW)?

Check Pin (41) of INPUT3 (SC1102) thru Pins (15)(17) of IC3801.

<COMPONENT video signal input> Are there the Y/PB/PR input signals at pins (15), (17) and (19) of IC3805?

Check Pins (3)(8)(12) of the INPUT3-COMPONENT terminal (J1101) thru Pins (15)(17)(19) of IC3805.

No INPUT4 output of the external input system.

Is "INPUT4" selected with the (⇥) button of the remote controller?

Select "INPUT4" with the (⇥) button of the remote controller, select Option-Input Select in the MENU item, and then select "AUTO" for Signal Type of the input signal.

Is the Video signal (V4-V) input to the input terminal Pin (22) of IC3801 (AV-SW)?

Check the line between pin (2) of RCA pin (J2404) (INPUT4) and pin (22) of IC3801.

<S video signal input> Are there the Y/C signal input to the input terminal pins (24) and (26) of IC3801 (AV-SW)?

Check INPUT4 and Pins (3)(4) of the S-Terminal (J2401) thru the input terminal Pins (24)(26) of IC3801 (AV-SW).

<On input of the Composite Video signal> Are MAIN-Video signal (YCV) and SUB-Video signal (SUB.V) output to Pins (56) and (44) of IC3801 (AV-SW) respectively?
<On input of the S-Video signal> Are the MAIN-Y and MAIN-C signals output to Pin (56) and Pin (58) of IC3801(AV-SW) respectively, and are the SUB-Y and SUB-C signals output to Pin (44) and Pin (47) respectively?
<On input of the COMPONENT Video signal> Are the MAIN-signal (Y/PB/PR) and SUB-signal (Y/PB/PR) output to Pins (50), (48) and (46) and Pins (44), (42) and (40) of IC3805 respectively?

Check IC3801 (AV-SW) and peripheral circuits.

<On input of the Composite Video signal> Are the MAIN Video signal and the SUB Video signal input to Pin (8) of IC401 (LPF) / Pin (2) of IC503 (LPF) and Pin (2) of IC600 (LPF) respectively?
<On input of the S-Video signal> Are the MAIN-Y and MAIN-C signals input to Pin (8) of IC401 (LPF)/Pin (2) of IC503 (LPF) and Pin (11) of IC401/Pin (6) of IC503 respectively, and are the SUB-Y and SUB-C signals input to Pin (2) and Pin (6) of IC600 (LPF) respectively?
<On input of the COMPONENT Video signal> Are the COMP1-MAIN and COMP2-SUB signals input to Pins (8),(10) and (13) of IC503 (LPF) and Pins (8),(10) and (13) of IC600 (LPF) respectively?

Check IC3801 (AV-SW) thru IC401/IC503/IC600.

(MAIN Video System)

Is the VIDEO signal input to the input terminals of Pin (8) of IC402 (3D-YC) and Pin (16) of IC502 (2D-YC)?
<On input of the S-Video signal> Are the Y and C signals input to Pin (8) and Pin (18) of IC402 respectively, and are the Y and C signals input to Pin (16) and Pin (12) of IC502 respectively?
<On input of the COMPONENT Video signal> Are the Y, CB and CR signals input to Pin (24), Pin (29) and Pin (32) of IC502 respectively?

Check IC401 (LPF) / IC503 (LPF) thru IC402 (3D-YC)/IC502 (2D-YC).

Is the digital video signal output from Pins (124) thru (135) of IC402 and Pins (115) thru (128) of IC502?

Check IC402 (3D-YC), IC502 (2D-YC) and peripheral circuits.

(SUB Video System)

Is the VIDEO signal input to the input terminal Pin (72) of IC601 (VPC)?
<On input of the S-Video signal> Are the Y and C signal input to Pin (72) and Pin (71) of IC601 respectively?
<On input of the COMPONENT Video signal> Are the Y, CB and CR signals input to Pin (2), (1) and (3) of IC601 respectively?

Check IC600 (LPF) thru IC601 (VPC).

Is the digital video signal output from Pins (41) thru (50) of IC601?

Check IC601 (VPC) and peripheral circuits.

Are the digital video signal and the H/V-SYNC/LCLK signal input to Pins (51) thru (78)/Pins (79) thru (6) and Pins (7) thru (10) of IC3201 (LVDS_TX)?

Check IC802 (FPGA) thru IC3300 (CIVIC). or each IC exchange.

Is the LVDS video signal output to Pins (39) thru (49)/Pins (27) thru (37) of IC3201 (LVDS_TX)?

Check IC3201 (LVDS_TX) and peripheral circuits.

Are the LVDS video signals (TA± - TD±) and (TA2± - TD2±) output to Pins (2) thru (15) of LV Connector (SC3200) and Pins (18) thru (31) of SC3200?

Check IC3201 thru SC3200.

No problem in the MAIN PWB. Check the TMDS-TX PWB. (See also the TMDS-TX Troubleshooting.
Is the input/output signal of Pins (77) thru (99) of IC2802~ Pins (21) thru (31) of IC3103 in the TMDS-TX PWB normal?

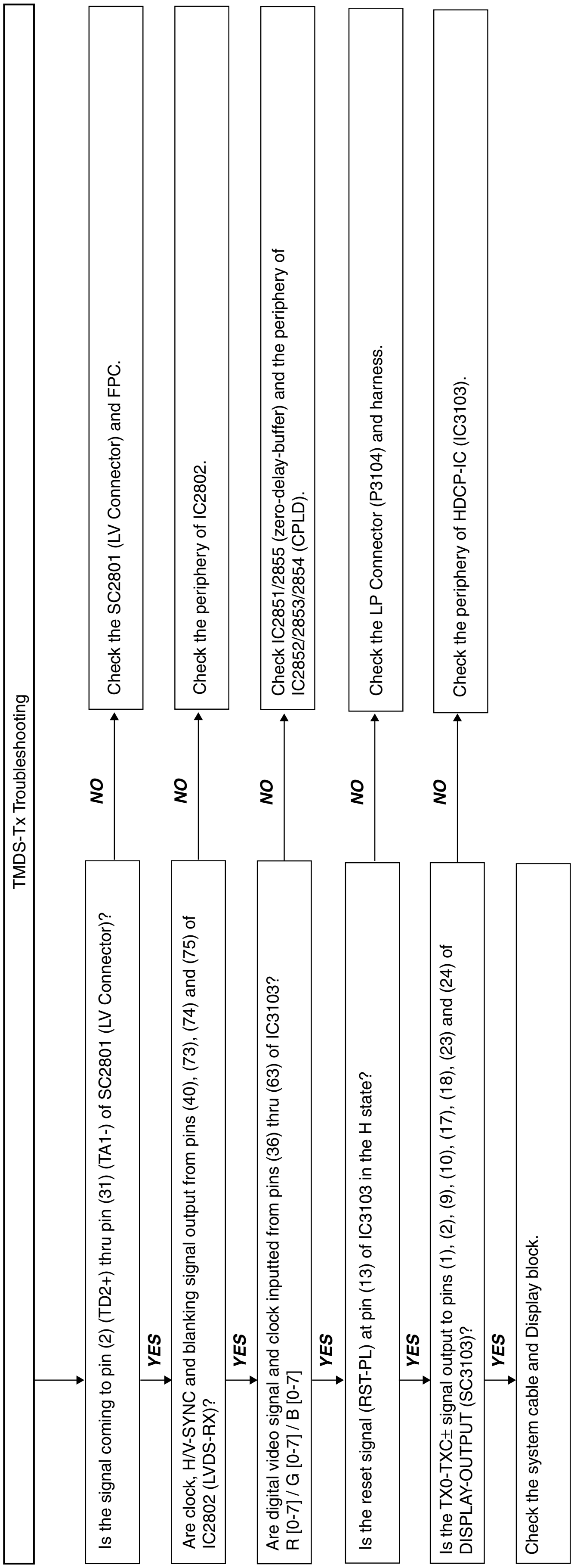
Check the input/output signal of IC2802/IC3103 in the TMDS-TX PWB and peripheral circuits.

Are the Connector SC3103 of DISPLAY_OUTPUT1 and SYSTEM_CABLE normal?

Check the Connector SC3103 of DISPLAY_OUTPUT1 and SYSTEM_CABLE.

Check the LCD_DISPLAY side. (See also the Display Troubleshooting.)

TROUBLESHOOTING TABLE (Continued)



TMDS-Tx Troubleshooting

Is the signal coming to pin (2) (TD2+) thru pin (31) (TA1-) of SC2801 (LV Connector)?

NO → Check the SC2801 (LV Connector) and FPC.

YES → Are clock, H/V-SYNC and blanking signal output from pins (40), (73), (74) and (75) of IC2802 (LVDS-RX)?

NO → Check the periphery of IC2802.

YES → Are digital video signal and clock inputted from pins (36) thru (63) of IC3103? R [0-7] / G [0-7] / B [0-7]

NO → Check IC2851/2855 (zero-delay-buffer) and the periphery of IC2852/2853/2854 (CPLD).

YES → Is the reset signal (RST-PL) at pin (13) of IC3103 in the H state?

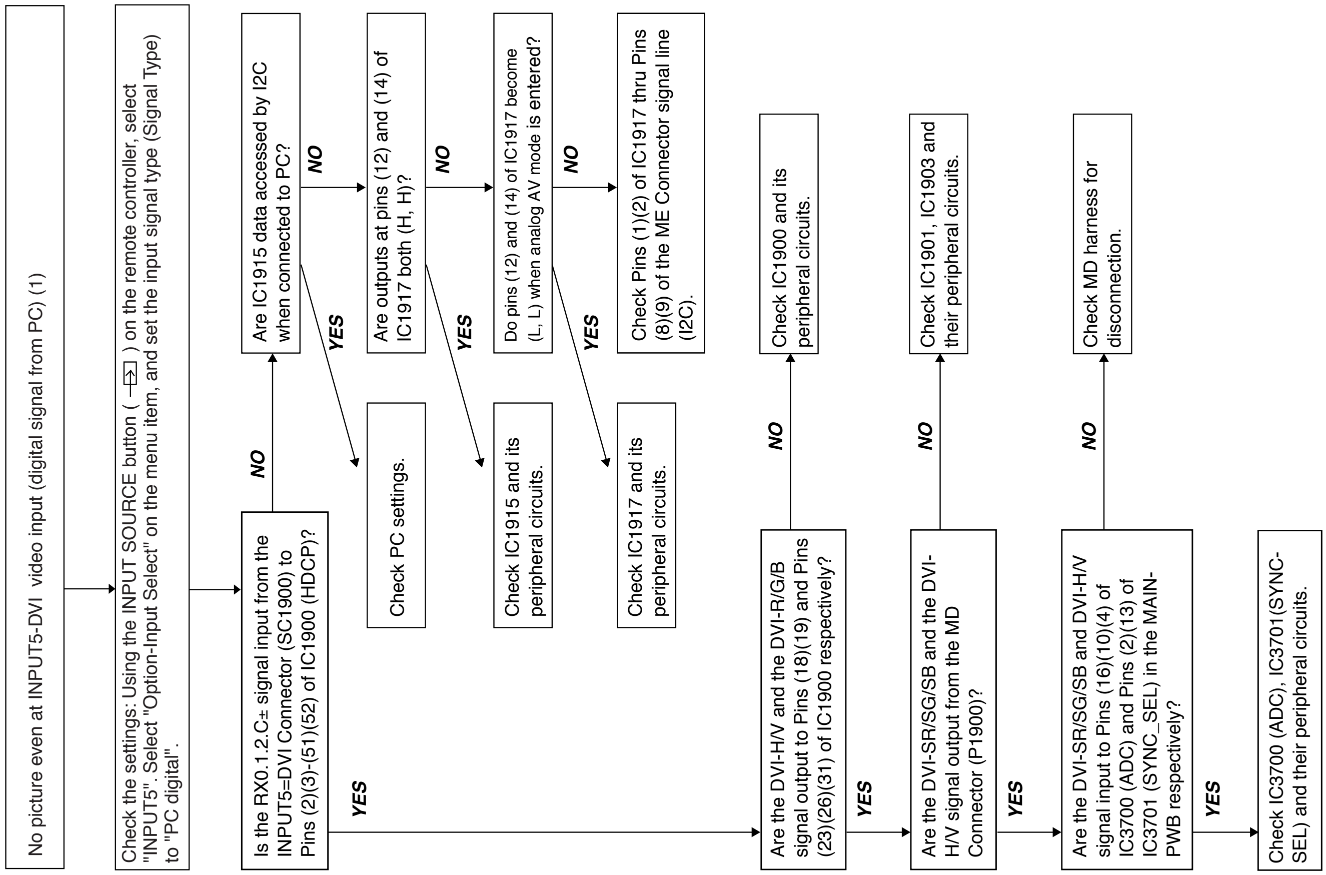
NO → Check the LP Connector (P3104) and harness.

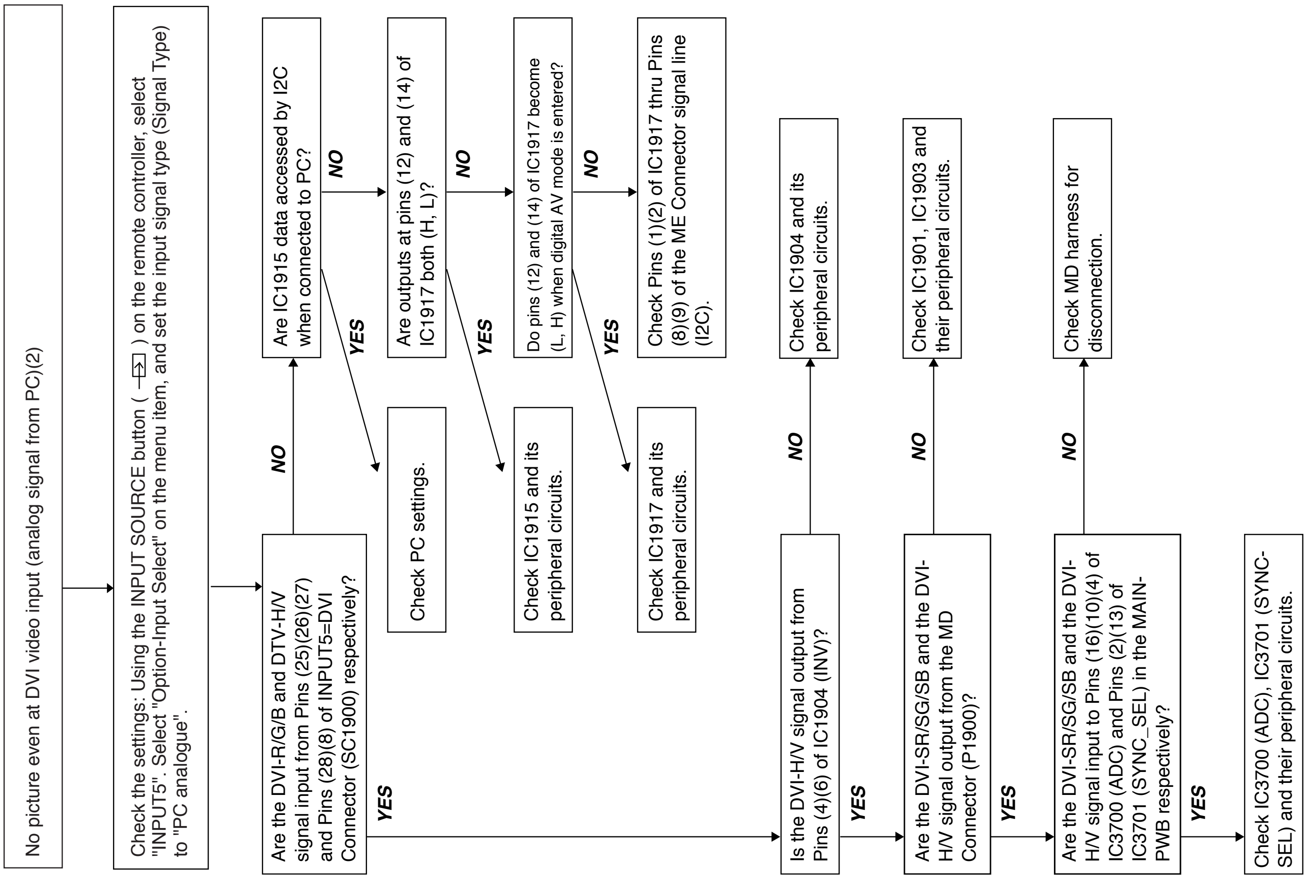
YES → Is the TX0-TXC± signal output to pins (1), (2), (9), (10), (17), (18), (23) and (24) of DISPLAY-OUTPUT (SC3103)?

NO → Check the periphery of HDCP-IC (IC3103).

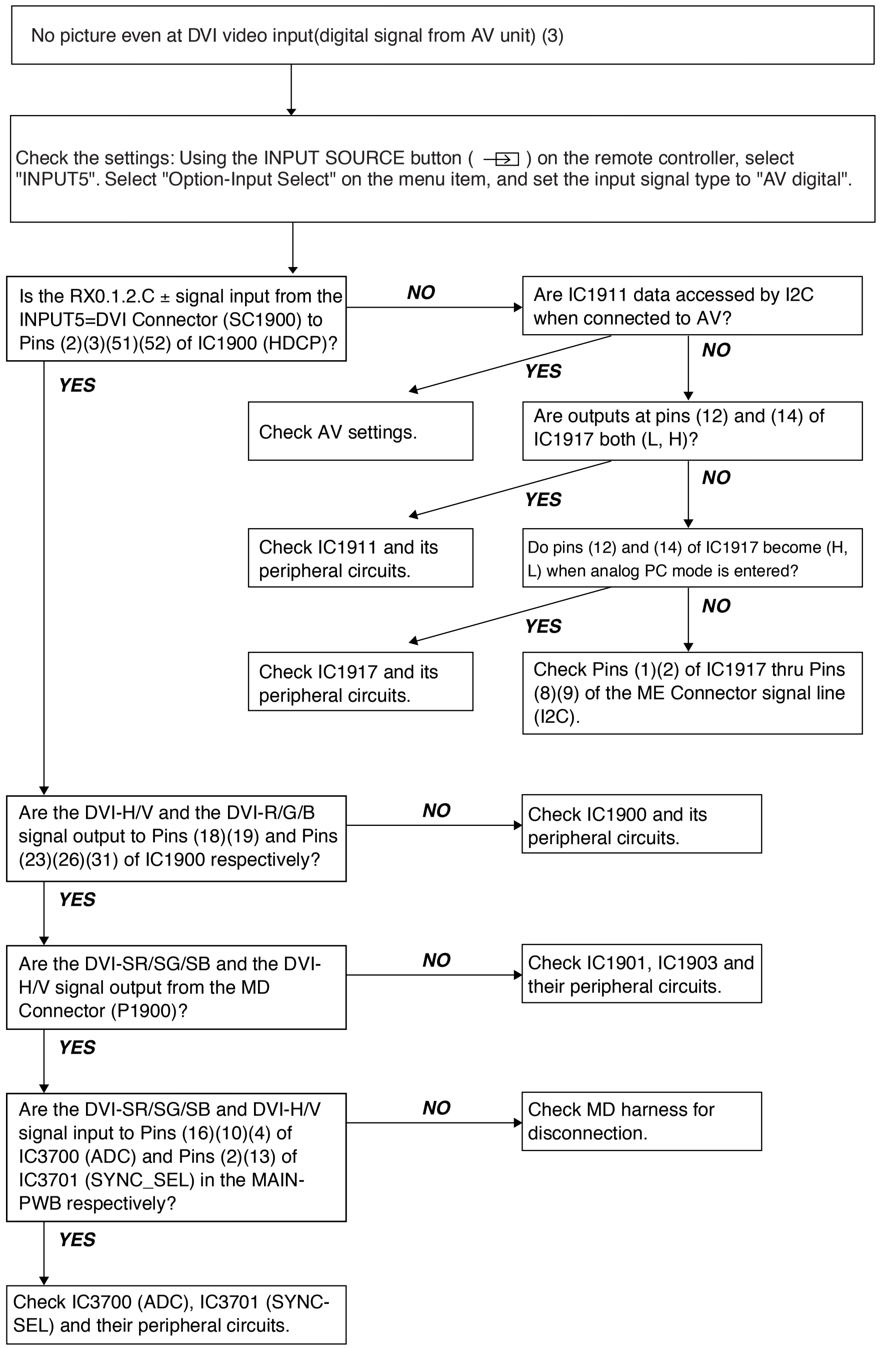
YES → Check the system cable and Display block.

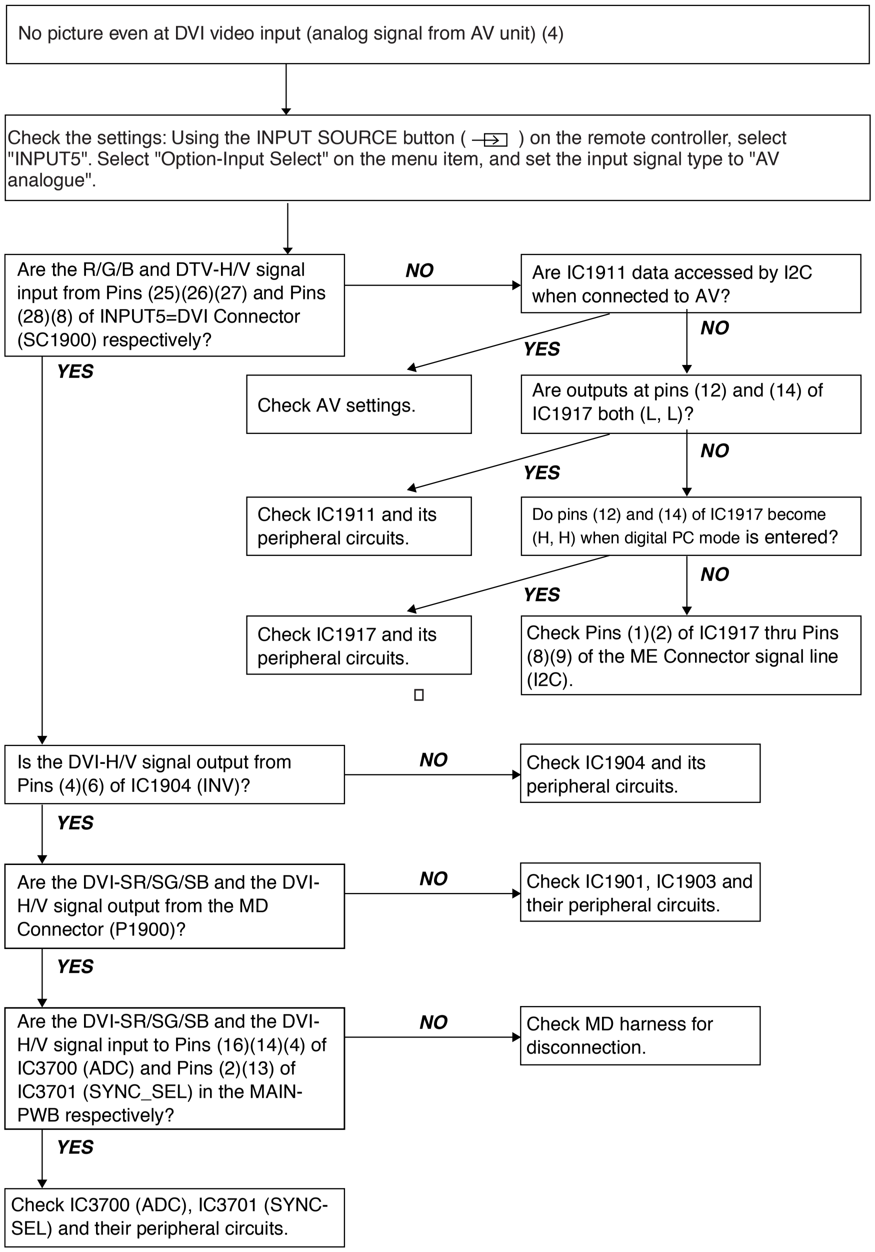
TROUBLESHOOTING TABLE (Continued)


No picture even at INPUT5-DVI video input (digital signal from PC) (1)
Check the settings: Using the INPUT SOURCE button (⇥) on the remote controller, select "INPUT5". Select "Option-Input Select" on the menu item, and set the input signal type (Signal Type) to "PC digital".
Is the RX0.1.2.C± signal input from the INPUT5=DVI Connector (SC1900) to Pins (2)(3)-(51)(52) of IC1900 (HDCP)?
NO
Are IC1915 data accessed by I2C when connected to PC?
YES
Check PC settings.
NO
Are outputs at pins (12) and (14) of IC1917 both (H, H)?
YES
Check IC1915 and its peripheral circuits.
NO
Do pins (12) and (14) of IC1917 become (L, L) when analog AV mode is entered?
YES
Check IC1917 and its peripheral circuits.
NO
Check Pins (1)(2) of IC1917 thru Pins (8)(9) of the ME Connector signal line (I2C).
YES
Are the DVI-H/V and the DVI-R/G/B signal output to Pins (18)(19) and Pins (23)(26)(31) of IC1900 respectively?
NO
Check IC1900 and its peripheral circuits.
YES
Are the DVI-SR/SG/SB and the DVI-H/V signal output from the MD Connector (P1900)?
NO
Check IC1901, IC1903 and their peripheral circuits.
YES
Are the DVI-SR/SG/SB and DVI-H/V signal input to Pins (16)(10)(4) of IC3700 (ADC) and Pins (2)(13) of IC3701 (SYNC_SEL) in the MAIN-PWB respectively?
NO
Check MD harness for disconnection.
YES
Check IC3700 (ADC), IC3701(SYNC-SEL) and their peripheral circuits.


No picture even at DVI video input (analog signal from PC)(2)
Check the settings: Using the INPUT SOURCE button (⇥) on the remote controller, select "INPUT5". Select "Option-Input Select" on the menu item, and set the input signal type (Signal Type) to "PC analogue".
Are the DVI-R/G/B and DTV-H/V signal input from Pins (25)(26)(27) and Pins (28)(8) of INPUT5=DVI Connector (SC1900) respectively?
NO
Are IC1915 data accessed by I2C when connected to PC?
YES
Check PC settings.
NO
Are outputs at pins (12) and (14) of IC1917 both (H, L)?
YES
Check IC1915 and its peripheral circuits.
NO
Do pins (12) and (14) of IC1917 become (L, H) when digital AV mode is entered?
YES
Check IC1917 and its peripheral circuits.
NO
Check Pins (1)(2) of IC1917 thru Pins (8)(9) of the ME Connector signal line (I2C).
YES
Is the DVI-H/V signal output from Pins (4)(6) of IC1904 (INV)?
NO
Check IC1904 and its peripheral circuits.
YES
Are the DVI-SR/SG/SB and the DVI-H/V signal output from the MD Connector (P1900)?
NO
Check IC1901, IC1903 and their peripheral circuits.
YES
Are the DVI-SR/SG/SB and the DVI-H/V signal input to Pins (16)(10)(4) of IC3700 (ADC) and Pins (2)(13) of IC3701 (SYNC_SEL) in the MAIN-PWB respectively?
NO
Check MD harness for disconnection.
YES
Check IC3700 (ADC), IC3701 (SYNC-SEL) and their peripheral circuits.

TROUBLESHOOTING TABLE (Continued)


No picture even at DVI video input(digital signal from AV unit) (3)
Check the settings: Using the INPUT SOURCE button (⇥) on the remote controller, select "INPUT5". Select "Option-Input Select" on the menu item, and set the input signal type to "AV digital".
Is the RX0.1.2.C ± signal input from the INPUT5=DVI Connector (SC1900) to Pins (2)(3)(51)(52) of IC1900 (HDCP)?
NO
Are IC1911 data accessed by I2C when connected to AV?
NO
YES
Check AV settings.
Are outputs at pins (12) and (14) of IC1917 both (L, H)?
NO
YES
Check IC1911 and its peripheral circuits.
Do pins (12) and (14) of IC1917 become (H, L) when analog PC mode is entered?
NO
YES
Check IC1917 and its peripheral circuits.
Check Pins (1)(2) of IC1917 thru Pins (8)(9) of the ME Connector signal line (I2C).
YES
Are the DVI-H/V and the DVI-R/G/B signal output to Pins (18)(19) and Pins (23)(26)(31) of IC1900 respectively?
NO
Check IC1900 and its peripheral circuits.
YES
Are the DVI-SR/SG/SB and the DVI-H/V signal output from the MD Connector (P1900)?
NO
Check IC1901, IC1903 and their peripheral circuits.
YES
Are the DVI-SR/SG/SB and DVI-H/V signal input to Pins (16)(10)(4) of IC3700 (ADC) and Pins (2)(13) of IC3701 (SYNC_SEL) in the MAIN-PWB respectively?
NO
Check MD harness for disconnection.
YES
Check IC3700 (ADC), IC3701 (SYNC-SEL) and their peripheral circuits.


No picture even at DVI video input (analog signal from AV unit) (4)
Check the settings: Using the INPUT SOURCE button (⇥) on the remote controller, select "INPUT5". Select "Option-Input Select" on the menu item, and set the input signal type to "AV analogue".
Are the R/G/B and DTV-H/V signal input from Pins (25)(26)(27) and Pins (28)(8) of INPUT5=DVI Connector (SC1900) respectively?
NO
Are IC1911 data accessed by I2C when connected to AV?
NO
YES
Check AV settings.
Are outputs at pins (12) and (14) of IC1917 both (L, L)?
NO
YES
Check IC1911 and its peripheral circuits.
Do pins (12) and (14) of IC1917 become (H, H) when digital PC mode is entered?
NO
YES
Check IC1917 and its peripheral circuits.
Check Pins (1)(2) of IC1917 thru Pins (8)(9) of the ME Connector signal line (I2C).
YES
Is the DVI-H/V signal output from Pins (4)(6) of IC1904 (INV)?
NO
Check IC1904 and its peripheral circuits.
YES
Are the DVI-SR/SG/SB and the DVI-H/V signal output from the MD Connector (P1900)?
NO
Check IC1901, IC1903 and their peripheral circuits.
YES
Are the DVI-SR/SG/SB and the DVI-H/V signal input to Pins (16)(14)(4) of IC3700 (ADC) and Pins (2)(13) of IC3701 (SYNC_SEL) in the MAIN-PWB respectively?
NO
Check MD harness for disconnection.
YES
Check IC3700 (ADC), IC3701 (SYNC-SEL) and their peripheral circuits.

TROUBLESHOOTING TABLE (LC-65GD1E)
(Display block)

Replace the AC power cord.

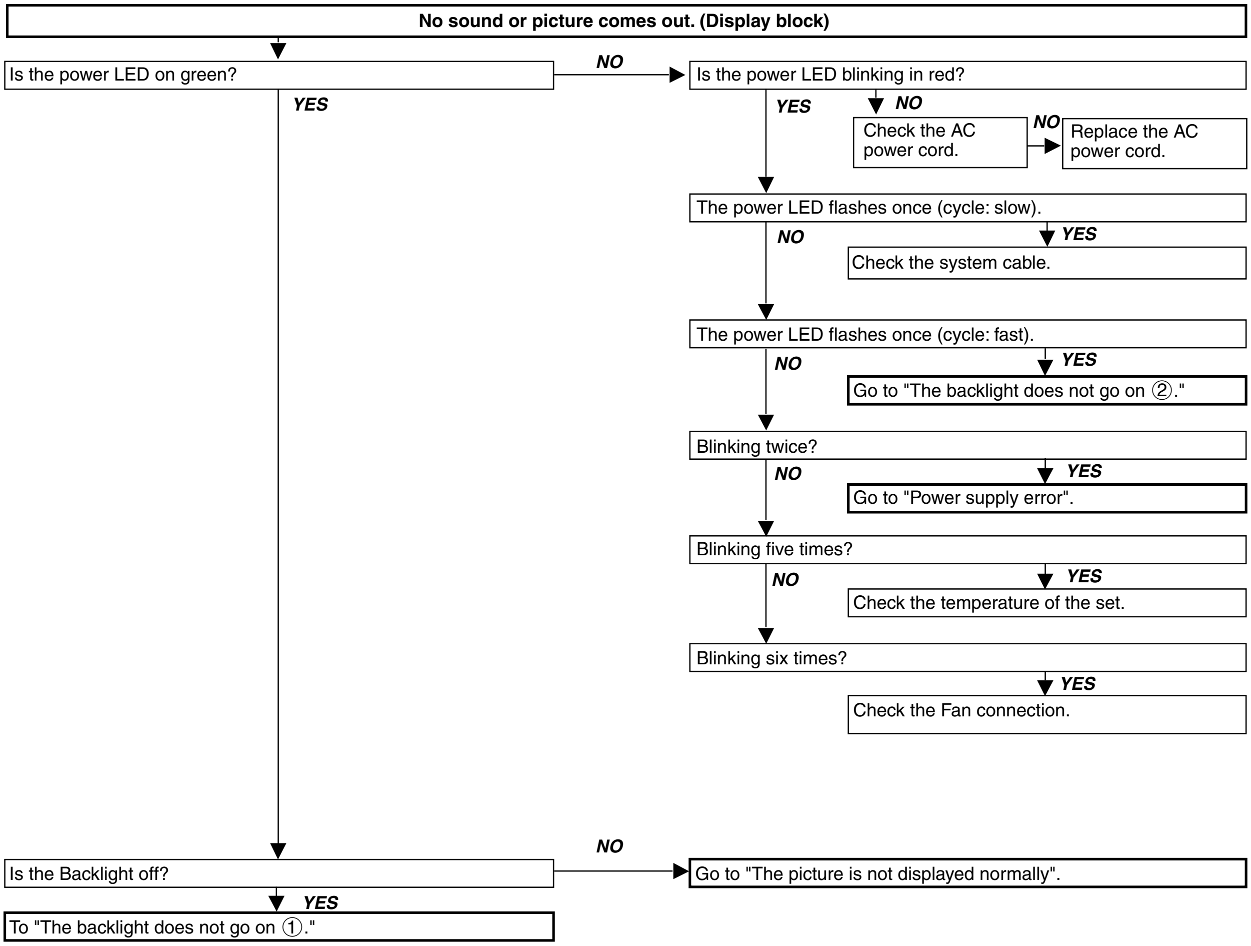
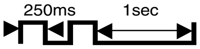
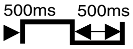
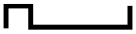
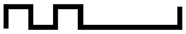
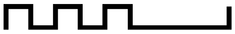
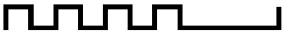
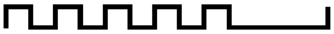
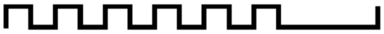
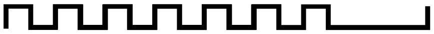
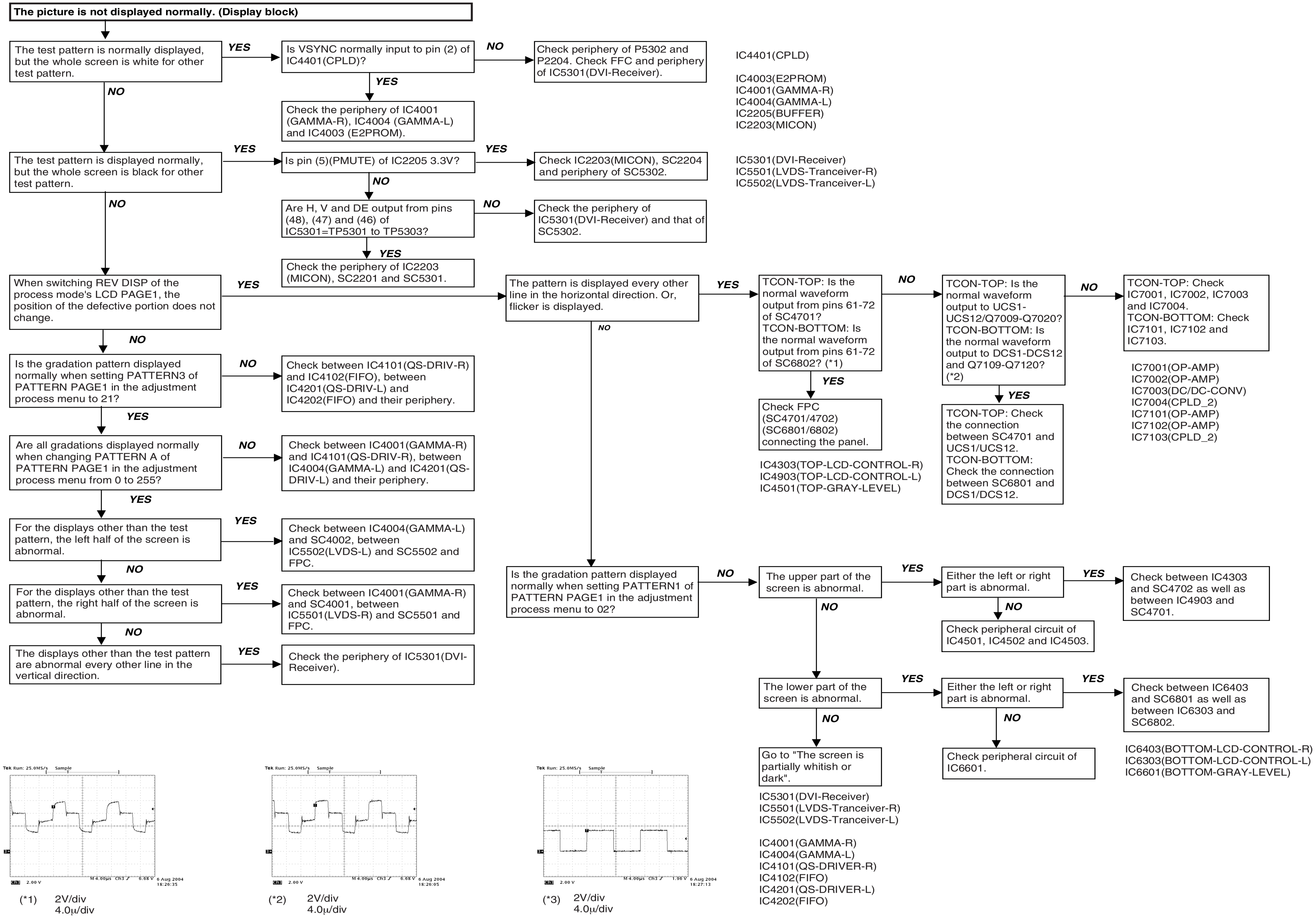

No sound or picture comes out. (Display block)
Is the power LED on green?
NO
Is the power LED blinking in red?
YES
YES
NO
Check the AC power cord.
NO
Replace the AC power cord.
The power LED flashes once (cycle: slow).
NO
YES
Check the system cable.
The power LED flashes once (cycle: fast).
NO
YES
Go to "The backlight does not go on ②."
Blinking twice?
NO
YES
Go to "Power supply error".
Blinking five times?
NO
YES
Check the temperature of the set.
Blinking six times?
YES
Check the Fan connection.
Is the Backlight off?
NO
Go to "The picture is not displayed normally".
YES
To "The backlight does not go on ①."

Table of power LED blinking timing at error occurrence



Type of error	Power LED operation (1 cycle)
System cable error AVC Power supply error Blinking once: Slow	H: ON L: OFF  500ms 500ms
Lamp error Blinking once: Fast	H: ON L: OFF 
System cable error Panel power supply error Blinking twice	H: ON L: OFF 
AVC temperature error Blinking three times	H: ON L: OFF 
AVC FAN error Blinking four times	H: ON L: OFF 
In-set temperature error Blinking five times	H: ON L: OFF 
Monitor Fan error Blinking six times	H: ON L: OFF 
1-Bit amp. error Blinking seven times	H: ON L: OFF 

TROUBLESHOOTING TABLE (Continued)


The picture is not displayed normally. (Display block)
The test pattern is normally displayed, but the whole screen is white for other test pattern.
YES
Is VSYNC normally input to pin (2) of IC4401(CPLD)?
NO
Check periphery of P5302 and P2204. Check FFC and periphery of IC5301(DVI-Receiver).
IC4401(CPLD)
YES
Check the periphery of IC4001 (GAMMA-R), IC4004 (GAMMA-L) and IC4003 (E2PROM).
IC4003(E2PROM)
IC4001(GAMMA-R)
IC4004(GAMMA-L)
IC2205(BUFFER)
IC2203(MICON)
NO
The test pattern is displayed normally, but the whole screen is black for other test pattern.
YES
Is pin (5)(PMUTE) of IC2205 3.3V?
YES
Check IC2203(MICON), SC2204 and periphery of SC5302.
IC5301(DVI-Receiver)
IC5501(LVDS-Tranceiver-R)
IC5502(LVDS-Tranceiver-L)
NO
Are H, V and DE output from pins (48), (47) and (46) of IC5301=TP5301 to TP5303?
NO
Check the periphery of IC5301(DVI-Receiver) and that of SC5302.
YES
Check the periphery of IC2203 (MICON), SC2201 and SC5301.
NO
When switching REV DISP of the process mode's LCD PAGE1, the position of the defective portion does not change.
YES
The pattern is displayed every other line in the horizontal direction. Or, flicker is displayed.
YES
TCON-TOP: Is the normal waveform output from pins 61-72 of SC4701? TCON-BOTTOM: Is the normal waveform output from pins 61-72 of SC6802? (*1)
YES
Check FPC (SC4701/4702) (SC6801/6802) connecting the panel.
IC4303(TOP-LCD-CONTROL-R)
IC4903(TOP-LCD-CONTROL-L)
IC4501(TOP-GRAY-LEVEL)
NO
TCON-TOP: Is the normal waveform output to UCS1-UCS12/Q7009-Q7020? TCON-BOTTOM: Is the normal waveform output to DCS1-DCS12 and Q7109-Q7120? (*2)
YES
TCON-TOP: Check the connection between SC4701 and UCS1/UCS12. TCON-BOTTOM: Check the connection between SC6801 and DCS1/DCS12.
NO
TCON-TOP: Check IC7001, IC7002, IC7003 and IC7004. TCON-BOTTOM: Check IC7101, IC7102 and IC7103.
IC7001(OP-AMP)
IC7002(OP-AMP)
IC7003(DC/DC-CONV)
IC7004(CPLD_2)
IC7101(OP-AMP)
IC7102(OP-AMP)
IC7103(CPLD_2)
NO
Is the gradation pattern displayed normally when setting PATTERN1 of PATTERN PAGE1 in the adjustment process menu to 02?
NO
The upper part of the screen is abnormal.
YES
Either the left or right part is abnormal.
YES
Check between IC4303 and SC4702 as well as between IC4903 and SC4701.
NO
Check peripheral circuit of IC4501, IC4502 and IC4503.
NO
The lower part of the screen is abnormal.
YES
Either the left or right part is abnormal.
YES
Check between IC6403 and SC6801 as well as between IC6303 and SC6802.
IC6403(BOTTOM-LCD-CONTROL-R)
IC6303(BOTTOM-LCD-CONTROL-L)
IC6601(BOTTOM-GRAY-LEVEL)
NO
Check peripheral circuit of IC6601.
NO
Go to "The screen is partially whitish or dark".
IC5301(DVI-Receiver)
IC5501(LVDS-Tranceiver-R)
IC5502(LVDS-Tranceiver-L)
IC4001(GAMMA-R)
IC4004(GAMMA-L)
IC4101(QS-DRIVER-R)
IC4102(FIFO)
IC4201(QS-DRIVER-L)
IC4202(FIFO)
NO
Is the gradation pattern displayed normally when setting PATTERN3 of PATTERN PAGE1 in the adjustment process menu to 21?
NO
Check between IC4101(QS-DRIV-R) and IC4102(FIFO), between IC4201(QS-DRIV-L) and IC4202(FIFO) and their periphery.
YES
Are all gradations displayed normally when changing PATTERN A of PATTERN PAGE1 in the adjustment process menu from 0 to 255?
NO
Check between IC4001(GAMMA-R) and IC4101(QS-DRIV-R), between IC4004(GAMMA-L) and IC4201(QS-DRIV-L) and their periphery.
YES
For the displays other than the test pattern, the left half of the screen is abnormal.
YES
Check between IC4004(GAMMA-L) and SC4002, between IC5502(LVDS-L) and SC5502 and FPC.
NO
For the displays other than the test pattern, the right half of the screen is abnormal.
YES
Check between IC4001(GAMMA-R) and SC4001, between IC5501(LVDS-R) and SC5501 and FPC.
NO
The displays other than the test pattern are abnormal every other line in the vertical direction.
YES
Check the periphery of IC5301(DVI-Receiver).
Tek Run: 25.0MS/s Sample
Ch3 2.00 V M 4.00µs Ch3 ƒ 6.68 V 6 Aug 2004 18:26:35
Tek Run: 25.0MS/s Sample
Ch3 2.00 V M 4.00µs Ch3 ƒ 6.68 V 6 Aug 2004 18:26:05
Tek Run: 25.0MS/s Sample
Ch3 2.00 V M 4.00µs Ch3 ƒ 1.96 V 6 Aug 2004 18:27:13

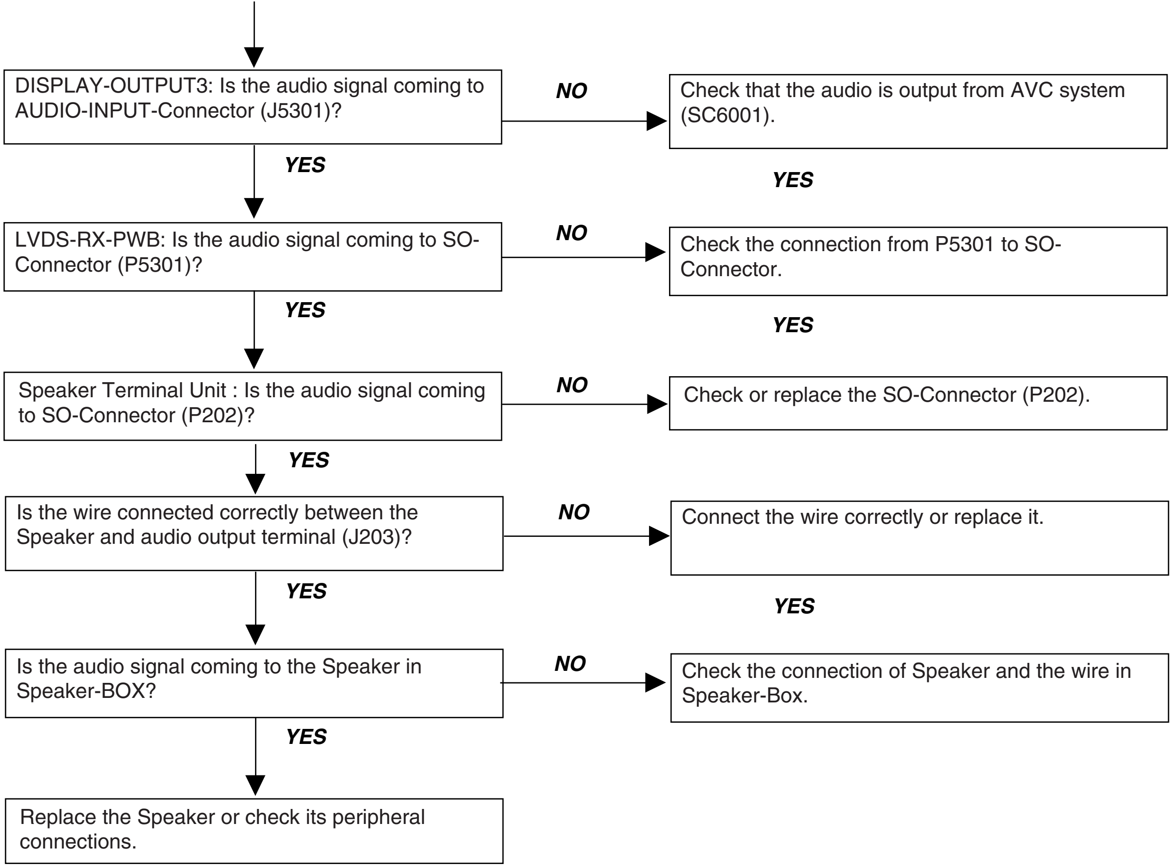
(*1) 2V/div
4.0μ/div

(*2) 2V/div
4.0μ/div

(*3) 2V/div
4.0μ/div

TROUBLESHOOTING TABLE (Continued)

No sound (Display block)



DISPLAY-OUTPUT3: Is the audio signal coming to AUDIO-INPUT-Connector (J5301)?

Check that the audio is output from AVC system (SC6001).

LVDS-RX-PWB: Is the audio signal coming to SO-Connector (P5301)?

Check the connection from P5301 to SO-Connector.

Speaker Terminal Unit : Is the audio signal coming to SO-Connector (P202)?

Check or replace the SO-Connector (P202).

Is the wire connected correctly between the Speaker and audio output terminal (J203)?

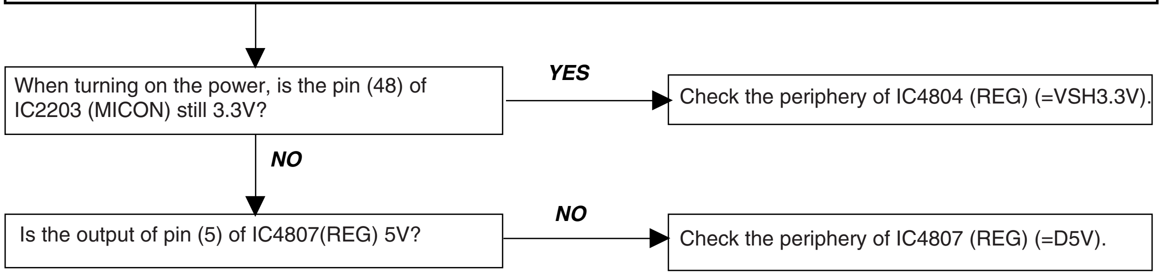
Connect the wire correctly or replace it.

Is the audio signal coming to the Speaker in Speaker-BOX?

Check the connection of Speaker and the wire in Speaker-Box.

Replace the Speaker or check its peripheral connections.

Power supply error (Display area)



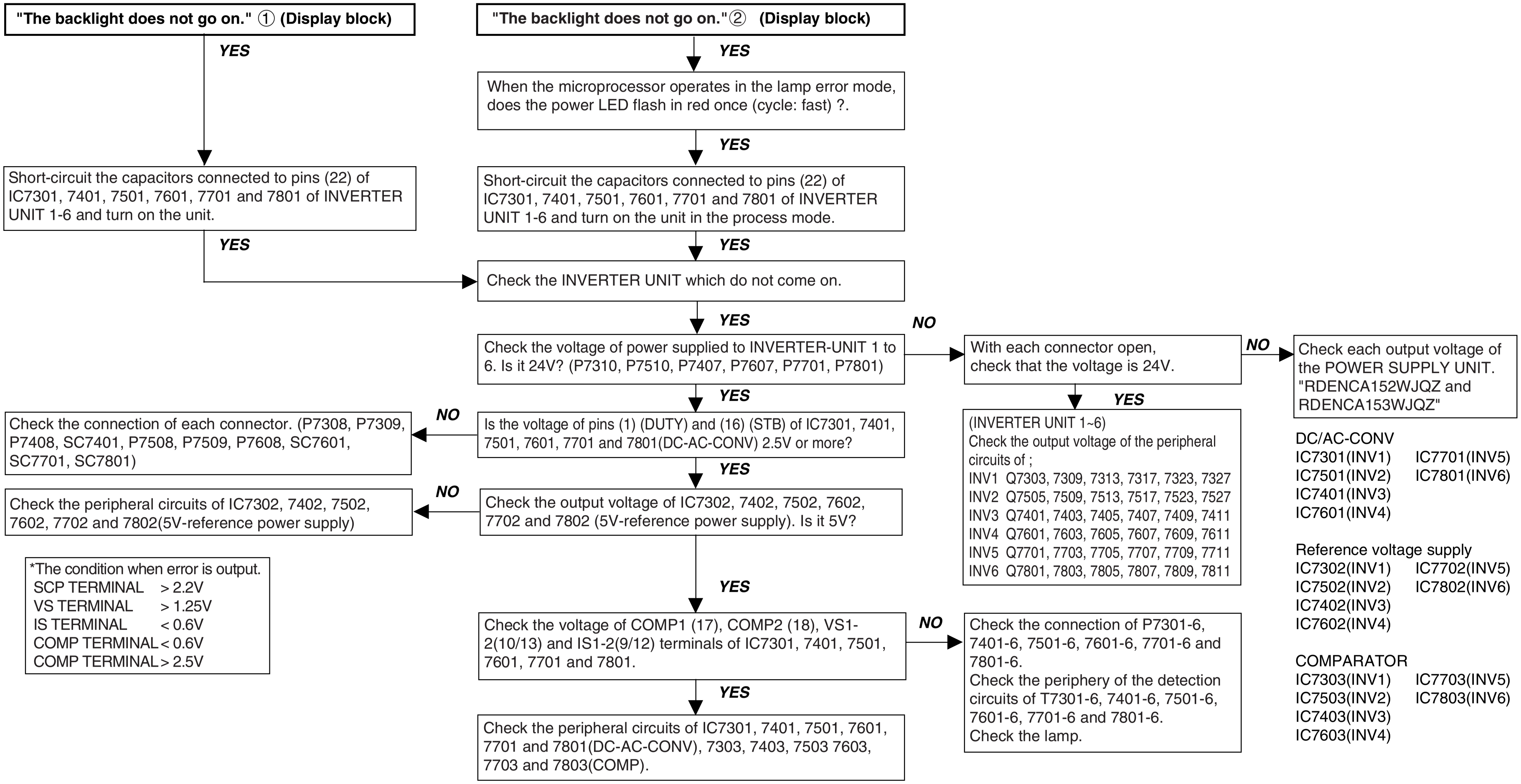
When turning on the power, is the pin (48) of IC2203 (MICON) still 3.3V?

Check the periphery of IC4804 (REG) (=VSH3.3V).

Is the output of pin (5) of IC4807(REG) 5V?

Check the periphery of IC4807 (REG) (=D5V).

TROUBLESHOOTING TABLE (Continued)



"The backlight does not go on." ① (Display block)

YES → Short-circuit the capacitors connected to pins (22) of IC7301, 7401, 7501, 7601, 7701 and 7801 of INVERTER UNIT 1-6 and turn on the unit.

YES → Check the INVERTER UNIT which do not come on.

"The backlight does not go on."② (Display block)

YES → When the microprocessor operates in the lamp error mode, does the power LED flash in red once (cycle: fast) ?.

YES → Short-circuit the capacitors connected to pins (22) of IC7301, 7401, 7501, 7601, 7701 and 7801 of INVERTER UNIT 1-6 and turn on the unit in the process mode.

YES → Check the INVERTER UNIT which do not come on.

YES → Check the voltage of power supplied to INVERTER-UNIT 1 to 6. Is it 24V? (P7310, P7510, P7407, P7607, P7701, P7801)

NO → With each connector open, check that the voltage is 24V.

NO → Check each output voltage of the POWER SUPPLY UNIT. "RDENCA152WJQZ and RDENCA153WJQZ"

DC/AC-CONV
IC7301(INV1) IC7701(INV5)
IC7501(INV2) IC7801(INV6)
IC7401(INV3)
IC7601(INV4)

Reference voltage supply
IC7302(INV1) IC7702(INV5)
IC7502(INV2) IC7802(INV6)
IC7402(INV3)
IC7602(INV4)

COMPARATOR
IC7303(INV1) IC7703(INV5)
IC7503(INV2) IC7803(INV6)
IC7403(INV3)
IC7603(INV4)

YES → (INVERTER UNIT 1~6)
Check the output voltage of the peripheral circuits of ;
INV1 Q7303, 7309, 7313, 7317, 7323, 7327
INV2 Q7505, 7509, 7513, 7517, 7523, 7527
INV3 Q7401, 7403, 7405, 7407, 7409, 7411
INV4 Q7601, 7603, 7605, 7607, 7609, 7611
INV5 Q7701, 7703, 7705, 7707, 7709, 7711
INV6 Q7801, 7803, 7805, 7807, 7809, 7811

YES → Is the voltage of pins (1) (DUTY) and (16) (STB) of IC7301, 7401, 7501, 7601, 7701 and 7801(DC-AC-CONV) 2.5V or more?

NO → Check the connection of each connector. (P7308, P7309, P7408, SC7401, P7508, P7509, P7608, SC7601, SC7701, SC7801)

YES → Check the output voltage of IC7302, 7402, 7502, 7602, 7702 and 7802 (5V-reference power supply). Is it 5V?

NO → Check the peripheral circuits of IC7302, 7402, 7502, 7602, 7702 and 7802(5V-reference power supply)

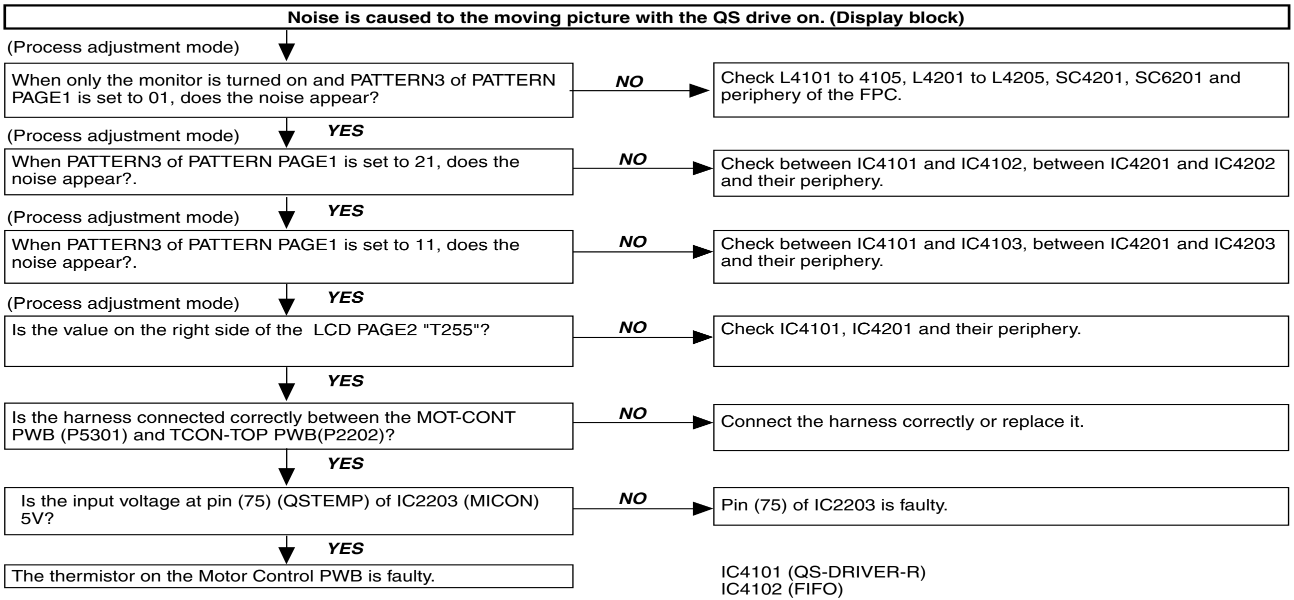
YES → Check the voltage of COMP1 (17), COMP2 (18), VS1-2(10/13) and IS1-2(9/12) terminals of IC7301, 7401, 7501, 7601, 7701 and 7801.

NO → Check the connection of P7301-6, 7401-6, 7501-6, 7601-6, 7701-6 and 7801-6.
Check the periphery of the detection circuits of T7301-6, 7401-6, 7501-6, 7601-6, 7701-6 and 7801-6.
Check the lamp.

YES → Check the peripheral circuits of IC7301, 7401, 7501, 7601, 7701 and 7801(DC-AC-CONV), 7303, 7403, 7503 7603, 7703 and 7803(COMP).

*The condition when error is output.
SCP TERMINAL > 2.2V
VS TERMINAL > 1.25V
IS TERMINAL < 0.6V
COMP TERMINAL < 0.6V
COMP TERMINAL > 2.5V

TROUBLESHOOTING TABLE (Continued)



Noise is caused to the moving picture with the QS drive on. (Display block)

(Process adjustment mode)

When only the monitor is turned on and PATTERN3 of PATTERN PAGE1 is set to 01, does the noise appear?

- NO → Check L4101 to 4105, L4201 to L4205, SC4201, SC6201 and periphery of the FPC.
- YES ↓

(Process adjustment mode)

When PATTERN3 of PATTERN PAGE1 is set to 21, does the noise appear?.

- NO → Check between IC4101 and IC4102, between IC4201 and IC4202 and their periphery.
- YES ↓

(Process adjustment mode)

When PATTERN3 of PATTERN PAGE1 is set to 11, does the noise appear?.

- NO → Check between IC4101 and IC4103, between IC4201 and IC4203 and their periphery.
- YES ↓

(Process adjustment mode)

Is the value on the right side of the LCD PAGE2 "T255"?

- NO → Check IC4101, IC4201 and their periphery.
- YES ↓

Is the harness connected correctly between the MOT-CONT PWB (P5301) and TCON-TOP PWB(P2202)?

- NO → Connect the harness correctly or replace it.
- YES ↓

Is the input voltage at pin (75) (QSTEMP) of IC2203 (MICON) 5V?

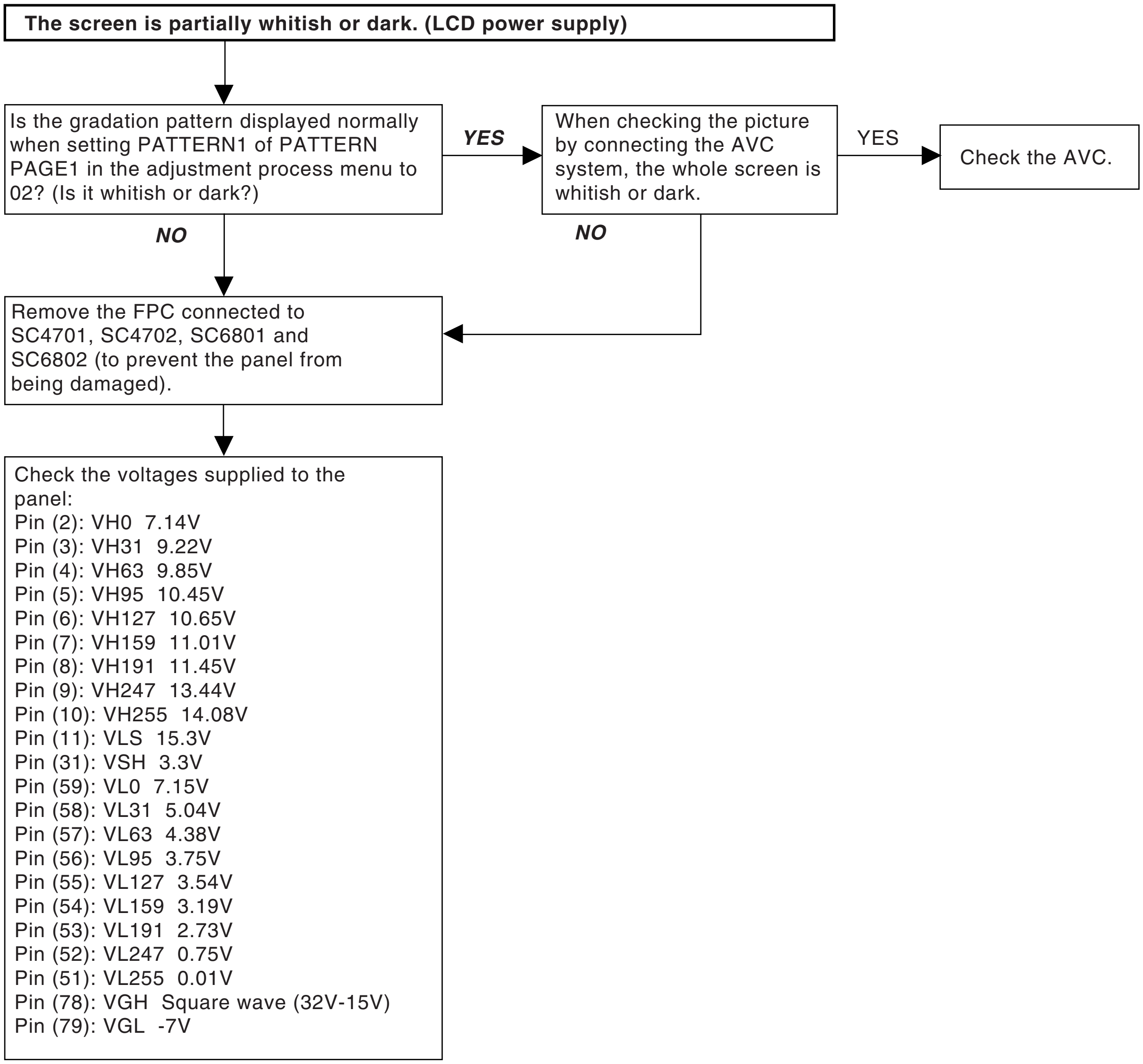
- NO → Pin (75) of IC2203 is faulty.
- YES ↓

The thermistor on the Motor Control PWB is faulty.

IC4101 (QS-DRIVER-R)
IC4102 (FIFO)
IC4201 (QS-DRIVER-L)
IC4202 (FIFO)

IC4103 (E2PROM)
IC4203 (E2PROM)

TROUBLESHOOTING TABLE (Continued)



The screen is partially whitish or dark. (LCD power supply)

Is the gradation pattern displayed normally when setting PATTERN1 of PATTERN PAGE1 in the adjustment process menu to 02? (Is it whitish or dark?)

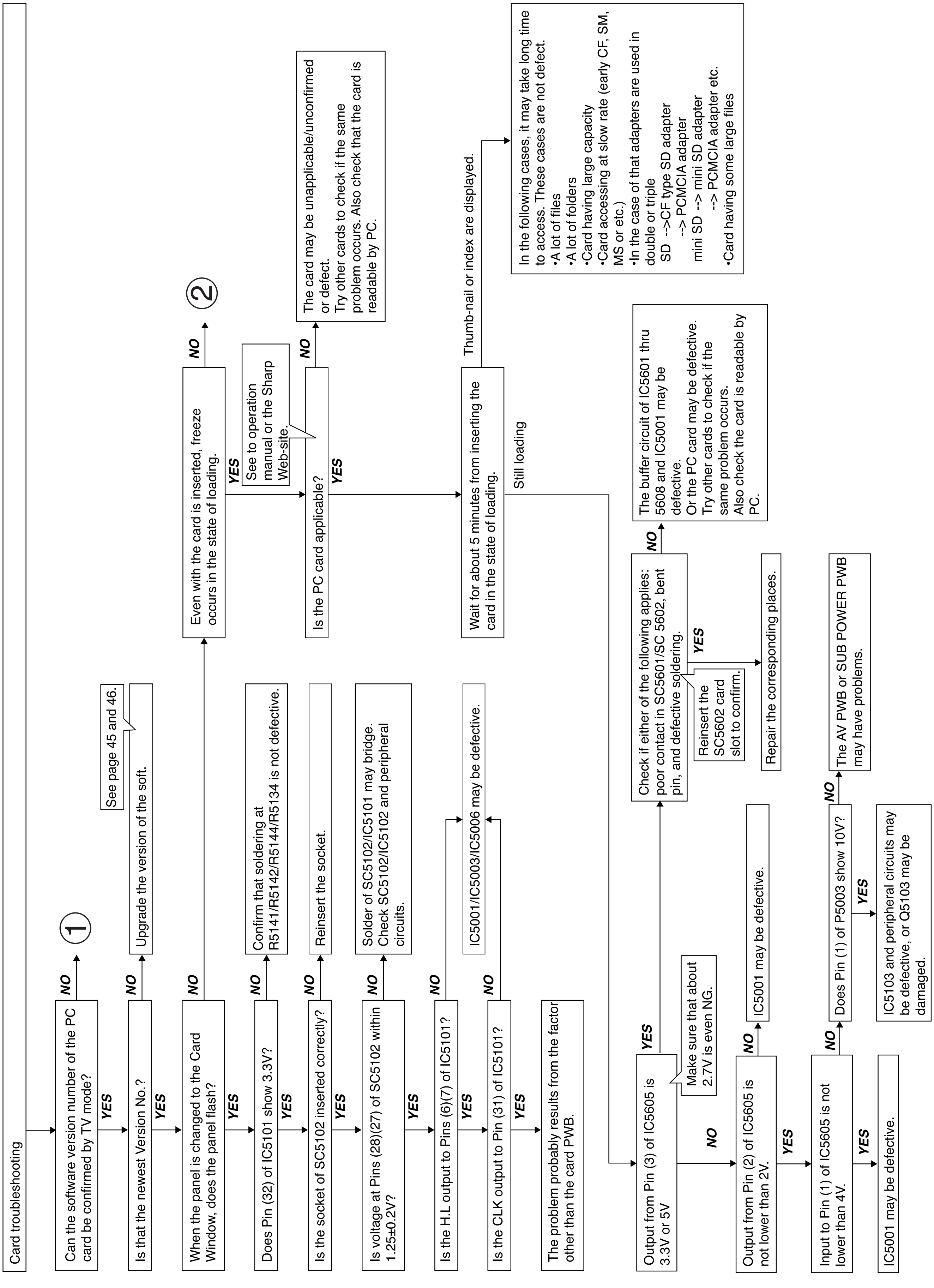
When checking the picture by connecting the AVC system, the whole screen is whitish or dark.

Check the AVC.

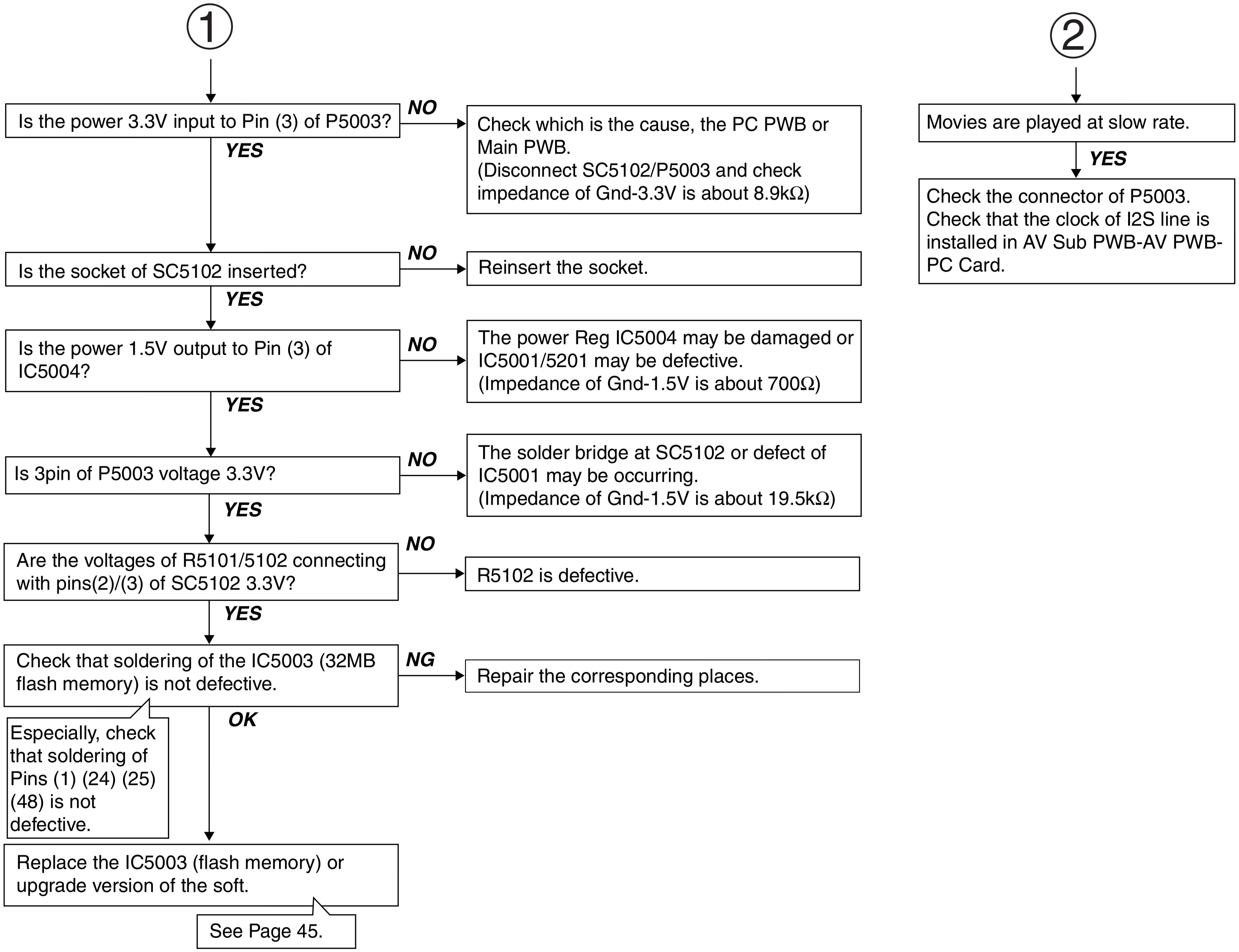
Remove the FPC connected to SC4701, SC4702, SC6801 and SC6802 (to prevent the panel from being damaged).

Check the voltages supplied to the panel:
Pin (2): VH0 7.14V
Pin (3): VH31 9.22V
Pin (4): VH63 9.85V
Pin (5): VH95 10.45V
Pin (6): VH127 10.65V
Pin (7): VH159 11.01V
Pin (8): VH191 11.45V
Pin (9): VH247 13.44V
Pin (10): VH255 14.08V
Pin (11): VLS 15.3V
Pin (31): VSH 3.3V
Pin (59): VL0 7.15V
Pin (58): VL31 5.04V
Pin (57): VL63 4.38V
Pin (56): VL95 3.75V
Pin (55): VL127 3.54V
Pin (54): VL159 3.19V
Pin (53): VL191 2.73V
Pin (52): VL247 0.75V
Pin (51): VL255 0.01V
Pin (78): VGH Square wave (32V-15V)
Pin (79): VGL -7V

TROUBLESHOOTING TABLE (Continued)


Card troubleshooting
Can the software version number of the PC card be confirmed by TV mode?
NO
①
YES
Is that the newest Version No.?
NO
Upgrade the version of the soft.
See page 45 and 46.
YES
When the panel is changed to the Card Window, does the panel flash?
NO
Even with the card is inserted, freeze occurs in the state of loading.
NO
②
YES
See to operation manual or the Sharp Web-site.
Is the PC card applicable?
NO
The card may be unapplicable/unconfirmed or defect.
Try other cards to check if the same problem occurs. Also check that the card is readable by PC.
YES
Wait for about 5 minutes from inserting the card in the state of loading.
Thumb-nail or index are displayed.
In the following cases, it may take long time to access. These cases are not defect.
•A lot of files
•A lot of folders
•Card having large capacity
•Card accessing at slow rate (early CF, SM, MS or etc.)
•In the case of that adapters are used in double or triple
SD -->CF type SD adapter
--> PCMCIA adapter
mini SD --> mini SD adapter
--> PCMCIA adapter etc.
•Card having some large files
Still loading
YES
Does Pin (32) of IC5101 show 3.3V?
NO
Confirm that soldering at R5141/R5142/R5144/R5134 is not defective.
YES
Is the socket of SC5102 inserted correctly?
NO
Reinsert the socket.
YES
Is voltage at Pins (28)(27) of SC5102 within 1.25±0.2V?
NO
Solder of SC5102/IC5101 may bridge. Check SC5102/IC5102 and peripheral circuits.
YES
Is the H.L output to Pins (6)(7) of IC5101?
NO
IC5001/IC5003/IC5006 may be defective.
YES
Is the CLK output to Pin (31) of IC5101?
NO
YES
The problem probably results from the factor other than the card PWB.
Output from Pin (3) of IC5605 is 3.3V or 5V
YES
Make sure that about 2.7V is even NG.
Check if either of the following applies: poor contact in SC5601/SC 5602, bent pin, and defective soldering.
NO
The buffer circuit of IC5601 thru 5608 and IC5001 may be defective.
Or the PC card may be defective.
Try other cards to check if the same problem occurs.
Also check the card is readable by PC.
YES
Reinsert the SC5602 card slot to confirm.
Repair the corresponding places.
NO
Output from Pin (2) of IC5605 is not lower than 2V.
NO
IC5001 may be defective.
YES
Input to Pin (1) of IC5605 is not lower than 4V.
NO
Does Pin (1) of P5003 show 10V?
NO
The AV PWB or SUB POWER PWB may have problems.
YES
IC5103 and peripheral circuits may be defective, or Q5103 may be damaged.
YES
IC5001 may be defective.

TROUBLESHOOTING TABLE (Continued)


①
Is the power 3.3V input to Pin (3) of P5003?
NO
Check which is the cause, the PC PWB or Main PWB. (Disconnect SC5102/P5003 and check impedance of Gnd-3.3V is about 8.9kΩ)
YES
Is the socket of SC5102 inserted?
NO
Reinsert the socket.
YES
Is the power 1.5V output to Pin (3) of IC5004?
NO
The power Reg IC5004 may be damaged or IC5001/5201 may be defective. (Impedance of Gnd-1.5V is about 700Ω)
YES
Is 3pin of P5003 voltage 3.3V?
NO
The solder bridge at SC5102 or defect of IC5001 may be occurring. (Impedance of Gnd-1.5V is about 19.5kΩ)
YES
Are the voltages of R5101/5102 connecting with pins(2)/(3) of SC5102 3.3V?
NO
R5102 is defective.
YES
Check that soldering of the IC5003 (32MB flash memory) is not defective.
NG
Repair the corresponding places.
Especially, check that soldering of Pins (1) (24) (25) (48) is not defective.
OK
Replace the IC5003 (flash memory) or upgrade version of the soft.
See Page 45.
②
Movies are played at slow rate.
YES
Check the connector of P5003. Check that the clock of I2S line is installed in AV Sub PWB-AV PWB-PC Card.

A considerable time after the power is turned off, if the PC card does not activate with the power turned back on

- Remove R5014 0Ω on △1 and △2, and add a lead jumper to S5001 pin 3 and R5014 (land on the IC5003 pin 12 side)
- The above has been applied to PWBs on and after △3.

Major IC Informations

(AVC section)

- IC3801 (CXA2069Q)

7-input/3-output selector. All the audio signals and video signals (except those related to PCs or components) from each input terminal and tuner are sent to this IC and selected.
The video output signals from this IC are sent to the video decoder circuits with a built-in YC separation [IC402/502 (main) and IC601 (sub)] via low-pass filters of IC401 (SM5302AS) and IC503/600 (SM5313AS).
The external input audio signals are supplied to the 1-bit amplifier via IC2501 (SOUND PROCESSOR)/IC2514 (CODEC).

- IC3805 (MM1519XQ)

4-input/3-output video selector for component input.
Inputs: INPUT 3 for component, INPUT1/INPUT3 for RGB, and TELETEXT for RGB signal
Component outputs: MAIN, SUB, and PASS

- IC1601 (SDA5550M)

The SDA5550M is a single chip teletext decoder for decoding World System teletext data as well as Video Programming System (VPS), Program Delivery Control (PDC), and Wide Screen Signaling (WSS) data used for PAL plus transmissions (line23).

- IC1602 (IXA134WJ)

4 Mb dual operation flash memory.
It integrates the TELETEXT processor program, and a processor command produces an output.

- IC1603 (62S8308X)

256 K x 8 bit CMOS Static RAM.
It is used to save TELETEXT signals transmitted along with broadcast data. A TELETEXT processor command produces an output when necessary.

- IC401 (SM5302AS)

3 ch video buffer with built-in fifth order low-pass filter for PAL main signal processing. Cut-off frequency for the low-pass filter is adjustable.
This filter allows video signal input/output between 480i and 1080i.

- IC503 (SM5313AS)

6 ch video buffer with low-pass filter for SECAM/RGB main signal processing.
It can drive a total 6 channels of S-terminal signal, composite signal, and component signal at the same time. Composite signals are mixed with inputted Y/C signals and sent out.

- IC600 (SM5313AS)

6 ch video buffer with low-pass filter for sub signal processing.
It can drive a total 6 channels of S-terminal signal, composite signal, and component signal at the same time. Composite signals are mixed with inputted Y/C signals and sent out.

- IC402 (CXD3802B)

Digital chroma decoder that is used for main signal processing. It performs luminance signal, chrominance, and sync signal processing of the adaptive 3D-comb filter PAL method CVBS signal, YC signal, analog component signal, and digital component signal.
10 bit Y/CbCr (ITU_R601) output.

- IC502 (CXD2096Q)

Digital chroma decoder that is used for main signal processing. It performs luminance signal, chroma signal, and sync signal processing of the adaptive 2D-comb filter SECAM/RGB signal.
10 bit Y/CbCr (ITU_R601) output.

- IC601 (VPC3230D)

Digital video decoder that is used for sub signal processing. It performs luminance signal, chroma signal, and sync signal processing of the 4H-comb filter PAL/SECAM system.
8 bit Y/CbCr (ITU_R656) output.

- IC7203 (TVP5150A)

Performs copy control according to analog PAL and SECAM video signals.

- IC3700 (AD9981)

A/D converter with built-in PLL/AMP
After controlling level of analog RGB input signal sent from DVI, A/D conversion is performed using the clock generated by PLL to output signals at TTL level.
Video signal sent to this IC is digitally converted and sent to IC802 [F.P.G.A. (Field Programmable Gate Arrays)].

- IC3704 (TA1318AF)

IC for TV component signal synchronous processing and frequency counter.
It incorporates functions required for frequency measurement of input signals and for synchronous play in one chip. It is compatible with horizontal synchronous play (15.75 kHz, 31.5 kHz, 33.75 kHz, 45 kHz) and vertical synchronous play (525I, 525P, 625I, 750P, 1125I, 1125P, PAL 100 Hz, NTSC 120 Hz).

- IC802 (IXA835WJ)

F.P.G.A. (Field Programmable Gate Arrays) for synchronous processing and signal selector of each digitalized input signal.

- IC1001 (IXB383WJ)

High performance CPLD (Complex Programmable Logic Device) IC.
It communicates to the display section and operates the system.
It also controls signals from IC8101 main microprocessor, ICs of the entire system, and I2C.

- IC3300 (IXB348WJ)

Performs data conversion for video signal processing, such as I/P conversion, gamma correction, and scaling, to fit digitalized video signal to output resolution. It also controls 2 screen display and OSD display.
Output digital signal is sent to IC3201 (LVDS TRANSMITTER).

- IC3401/3403 (IXB077WJ)

128 Mb (1 M x 32 bits x 4 Banks) Graphic Double Data Synchronous DRAM.
Used to save video signal temporarily for 3D-comb filter and block noise reducer of 3D-YC (IC402) as well as and progressive format converter (image transformation) and noise reducer of CIVIC (IC3300).

- IC3201 (THC63LVD823)

170 MHz LVDS (Low Voltage Differential Signaling) 24 bit interface chip set for transmission. It is an LSI for serializing and transmitting RGB signals, HD/VD/blanking signals and pixel clocks.
LVDS is a method for transmitting high-speed digital signals via cables driven by low-amplitude differential signals. 1LINK consists of five pairs of differential signals. The TA, TB, TC, and TD pairs are used for data transmissions, and the TCLK pair is used for pixel clock transmissions. Seven data bits of TA, TB, TC and TD each (28 in total) are transmitted per pixel clock.
RGB (24 bit) signal and sync signal (HD, VD and DE) are allocated to these 28 data.

- IC2802 (THC63LVD824)

170 MHz LVDS (Low Voltage Differential Signaling) 24 bit interface chip set for reception from IC3201. LVDS signals transmitted from IC3201 are sent to HDCP Panellink transmitter IC of IC3103.

- IC3103 (SII170BG)

HDCP compatible DVI transmitter. It serializes parallel RGB (digital) video signals and transfer to the display side as TMDS signals at high speed.

- IC3102 (UPD4721G)

This IC is a line driver receiver in conformity with EIA/TIA-232-E (former RS-232C) standard. The system can be controlled externally by connecting a PC.

- IC7253, IC5102 (DS90C386)

Together with DS90C385 on PC-CARD circuit, DS90C386 handles 4 pairs of LVDS data streams.

- IC7254, IC5101 (DS90C385)

Programmable LVDS (Low Voltage Differential Signaling) transmitter for communications to PC-CARD circuit. It converts 28 bit LVCMOS/LVTTL input parallel data to 4 pairs of LVDS serial data. It also converts the clock signal to a pair of LVDS data after phase adjustment at transmitter PLL circuit. 28 bit input data is sampled for each clock signal cycle and transmitted. Clock frequency is 27 MHz and digital video data are sent and received. This IC handles, in the order of YCbYCr (time division), 8 bit data and 10 types of data for H and V (for retrieving CIVIC DATA).

- IC2501 (MSP3450G)

MSP (Multistandard Sound Processor) IC for decoding sound data.
Decodes S-IF and simultaneously acts as a selector of inputted sound data.

- IC2514 (AK4586VQ)

24 bit CODEC IC with built-in 2CH ADC and 6CH DAC. (CODEC is a device that converts analog signal to digital bit stream.)
It has a 96 kHz, 24 bit compatible built-in DIR (Digital audio receiver) and automatically detects non-PCM data stream such as AC-3/MPEG.
CODEC is a circuit that converts analog sound data to digital codes, and vice versa.

- IC2510 (NJU26150)

Processor IC consisting of a 24 bit DSP (Digital Signal Processor) core with built-in DIR and various interfaces. It is activated by downloading a program written on IC2508 (E2PROM) to the built-in PRAM.
The internal function is composed of sound delay, BBE and parametric equalizer, and performs digital processing in the I2S format.
It has three input lines (SDI0, SDI1 and SDI2) and three output lines (SD00, SD01 and SD02). Two types of LR clock (LRI and LRO) and BCK (BCKI and BCKO) establish data transfer on serial data lines.

- IC2500 (NJU26106)

Digital signal processor to decode matrix-encoded stereo signal (Lt/Rt). On this unit, it functions as the Dolby Virtual.

- IC2511 (AK4353)

96 kHz, 24 bit compatible stereo CMOS D/A converter with a built-in digital audio transmitter. On this unit, it performs conversion from I2S to SPDIF format for optical output.

- IC2515 (AK5381VT)

Stereo A/D converter for sampling frequency of 4 kHz ~ 96 kHz. It is used as an analog input interface for the center speaker.

- IC2502 (BH3544F)

This IC is a dual headphone output amp IC. It incorporates a POP noise control circuit when turning the power on/off and a thermal shut down circuit (150˚C).

- IC1900 (SiI907) --- (DVI unit)

DVI receiver with the High-bandwidth Digital Content Protection (HDCP).
The HDCP decoding engine is compatible with the pixel-by-pixel method.
The I2C interface communicates with a host at 400 kHz using the slave I2C interface. The HDCP key is pre-programmed and authentication management is performed by reading/writing to the entry in SiI 907 through I2C interface.
The key cannot be read for safety.

- IC1901 (AD8185) --- (DVI unit)

This is a high-speed triple 2:1 multiplexer. On the unit, this switches between analog RGB signals from the DVI terminal and RGB signals converted from digital to analog via the HDCP IC.

- IC5001 (A805) --- (CARD unit)

This is a DSP IC that compresses, encodes or decodes digital video data (REC656) in MPEG-4 for saving onto memory cards and for playback.

- IC5201 (A420) --- (CARD unit)

This is a DSP IC that encodes or decodes sound. By using software for compression and decompression, this supports recording and playback of MP3 and WMA (Windows Media™ Audio) files.

- IC8101 (A817) --- (CPU unit)

This is a main CPU that controls all the systems on the AVC and display sides. This is also a RISC microprocessor combining the Renesas's SuperH architecture-based SH-3 CPU core with peripheral functions required for the system configuration.

- IC8201 (A948) --- (CPU unit)

This is a CPLD (Complex Programmable Logic Device) IC.
On the unit, this controls reset signals and buses by using the enhanced CPU.

- IC8401 (TC6384) --- (CPU unit)

This is an interface controller IC for SD memory cards and Smart Media cards.
On the unit, this controls SD memory cards used for version upgrades.

- IC8601 (PNX8526) --- (DVB-T unit)

This is a CPU for controlling the digital broadcast reception unit. See below for the major functions.

- Controls ICs on the digital unit board
- Communicates with the main CPU
- Decodes video and sounds of digital broadcasts
- Displays the OSD menu when watching digital broadcasts
- User interface

- IC8905 (PNX8510) --- (DVB-T unit)

This is a D/A converter that converts digital video signals (ITU-R BT.656) and digital audio signals (IIS) to analog signals. On the unit, this converts sub digital video signals (VPR_DV2_OUT) and sub digital audio signals (VPR_I2S_OUT2) sent from IC8601 (PNX8526) to analog signals.

- IC9008 (TDA10046) --- (DVB-T unit)

This is an IC for the DVB-T (DVB: Digital Video Broadcasting) channel receiver.
This is also an IC for the 2K/8K COFDM (Coded Orthogonal Frequency Division Multiplexing) demodulator.

- IC9101 (STV0700) --- (DVB-T unit)

This is a control IC for PCMCIA cards.
This controls information on IC cards inserted into the PCMCIA card slot (SC9101) or information on software version upgrade cards saved on flash memories (IC8803 and IC8806) to transfer the data to CPUs and memories.

(Monitor section)

- IC4001, IC4004 (IXB001WJ)

Picture quality correction/left-right split IC
i) False contour correction (de-contouring) --- Reduces noise such as false contour.
ii) LUT method gamma correction --- Corrects the white balance with LUT method.
iii) Color management --- Varies the data output value depending on the gradation between subpixels.
iv) Advanced BDE --- Displays pictures with a quality equivalent to 10 bits on the 8-bit panel.
v) Left-right split processing --- Selects the image data sent to the QS driver depending on the panel installation condition.
Input signal is Dual link LVDS with RGB of 8 bits each. Output signal performs CMOS output with RGB of 8 bits each, sync signal (H, V, DE) synchronizing with the input signal and free running sync signal (H, V, DE) output.
IC4001 outputs the right image data and IC 4004 outputs the left image data.

- IC4003 (IXA998WJ)

EEPROM for storing 10-bit gamma correction and cross-talk correction data.
Data is read into IXB001WJ on start-up. (The master is IC4004.)

- IC4101, IC4201 (IXB002WJ)

QS driver.

Uses the QS (Quick Shoot) for the input signal from the picture quality correction/left-right split IC, according to the temperature parameter setting from monitor microprocessor, and outputs 2 types of signals (for upper LCD controller and lower LCD controller) from LVDS. Also controls FIFO (IC4102, IC4202: RH-IXA986WJZZQ) used for calculation. IC4101 outputs the right image data and IC 4201 outputs the left image data.

- IC4102, IC4202, IC4308, IC4908, IC6408, IC6308 (IXA986WJ)

26Mbit FIFO (First in First out) serial access memory.
It is used as a memory for operation of QS and for image control of the LCD driver.

- IC4103, IC4203 (IXA631WJ)

EEPROM for storing QS parameters.
Data is read into QS driver on a frame-by-frame basis.

- IC4303, IC4903, IC6403, IC6303 (IXA990WJ)

LCD controller.
Receives RGB signal of LVDS sent from the QS driver (of right and left screen), and outputs image signal (RSDS) to LCD panel after performing upper-lower split using FIFO memories (IC4308, IC4908: RH-IXA986WJZZQ) as frame memories. IC4303 outputs the upper right image data and IC4903 outputs the upper left image data; IC6403 outputs the lower right image data and IC6303 outputs the lower left image data. This IC controls dimmer and creates the control signal of the CS circuit. IC4401 and IC7003 connect to each circuit.

- IC4401 (IXB472WJ)

Sync signal discrimination/CS (chip select) signal output IC.
This IC counts the synchronization and determines if the input signal is i) no sync, ii) 1080p 60Hz, iii) VGA or iv) others when only the monitor is active. CS (chip select) signal of most of the ICs, controlled by 3-line serial, is generated by this IC.

- IC4501, IC6601 (BD8133FV)

Gradation reference power supply for TFT LCD. It incorporates a gradation output buffer amplifier 18 circuit, CMOS buffer amplifier and reference voltage generator.

- IC2203 (IXB345WJ)

Monitor microprocessor. It performs OSD control of the monitor section, panel temperature detection by a thermistor, temperature parameter setting against QS driver, timing setting against LCD controller, dimmer data setting, power supply control of the monitor section, power supply line monitoring, remote control decoding and OPC control.

- IC2202 (MD88146A)

D/A converter IC with a built-in I/O expander for digital tuning.

- IC4808 (MD1422N)

IC for controlling switching power supply. Controls step-down switching regulator circuit and step-up switching regulator circuit with PWM control.
At IC4808, 8V for panel power supply (15V, -7V, 32V) is generated from 12V.

- IC1701 (LM2642MT)

2 ch step-down synchronous rectification switching controller. Drives rear-stage N channel MOSFET and controls 2 channels. At IC1701, A-D3.3V and B-D3.3V controlling GAMMA/QS-CONTROL-IC is generated from 12V.

- IC4307, IC4907, IC6201, IC6202, IC6407, IC6307 (DS90C386)

LVDS receiver IC.
Together with DS90C385, DS90C386 handles 4 pairs of LVDS data streams.

- IC6203, IC6204 (D90C385A)

LVDS transmitter IC.
Programmable LVDS (Low Voltage Differential Signaling) transmitter for communications to PC-CARD circuit. It converts 28 bit LVCMOS/LVTTL input parallel data to 4 pairs of LVDS serial data. It also converts the clock signal to a pair of LVDS data after phase adjustment at transmitter PLL circuit. 28 bit input data is sampled for each clock signal cycle and transmitted. Clock frequency is 27 MHz and digital video data are sent and received. This IC handles, in the order of TA1±-TD1± (time division), 8 bit data and 10 types of data for CLK±.

- IC5301 (SiI1169)

DVI receiver.
DVI receiver with jitter correction (equalizer) of TMDS signals. It outputs one-phase image data with RGB of 8 bits each. This IC decodes HDCP.

- IC5501, IC5502 (TLVD823)

LVDS transmitter.
Converts two-phase (RIGHT/LEFT) image data (RGB of 8 bits each) sent from SiI1169G to LVDS signals. Because both IC5501 and IC5502 receive the same signals, outputs are also the same.

- IC7003, IC7103 (IXB246WJ)

CS voltage switching control IC. It generates the timing to switch CS voltage (quaternary) by CS signal output from IC4303 and IC6403.

- IC101 (TPS850)

Photo IC.
Controls the backlight brightness according to this IC's output voltage when the brightness sensor is turned on.

- IC7301, IC7401, IC7501, IC7601, IC7701, IC7801 (BD9885FV)

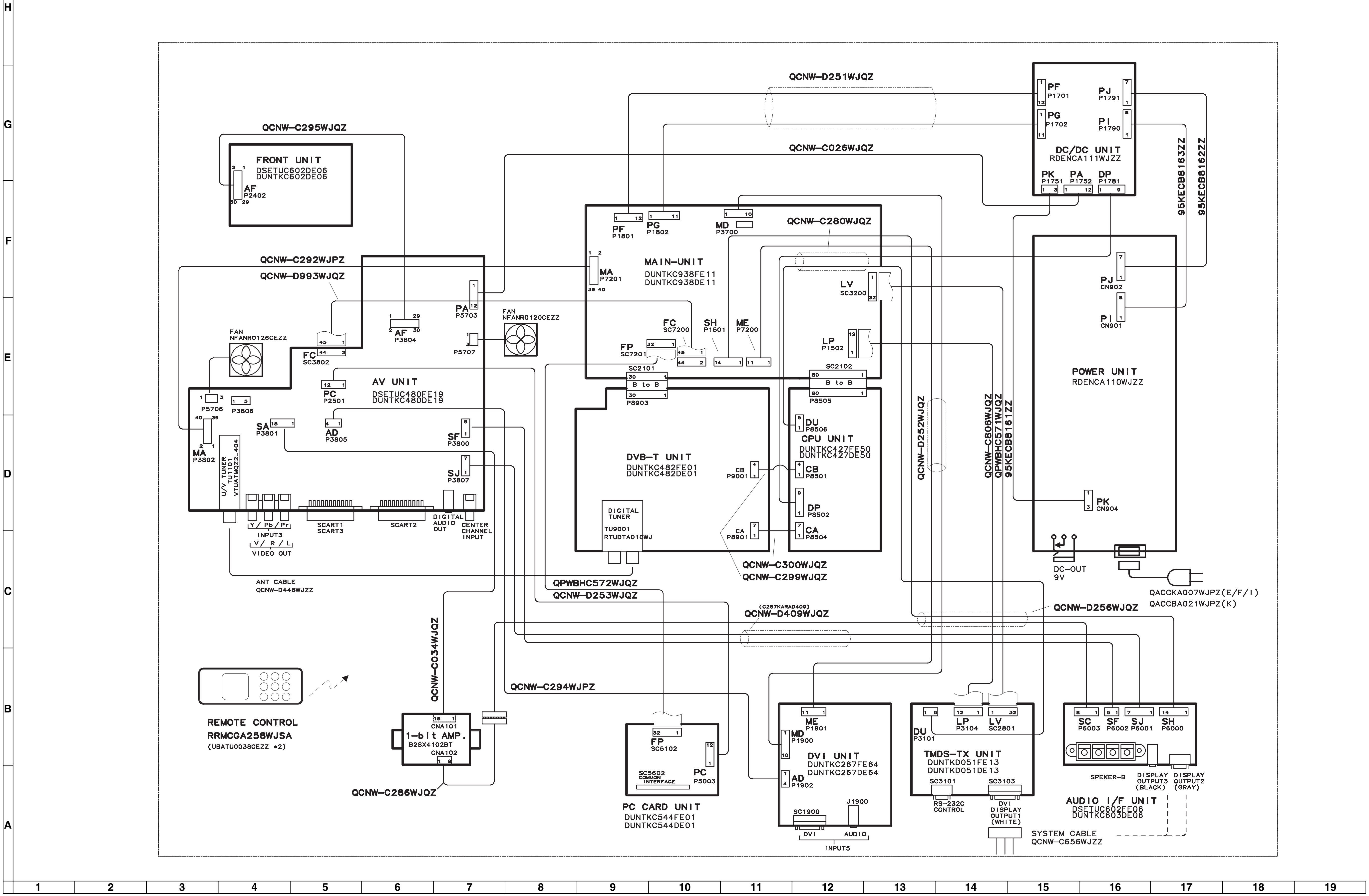
DC-AC inverter control IC. Integrates a low voltage protection circuit, soft start circuit and timer latch circuit; performs half-bridge 2-channel sync control, current/voltage feedback control and sync control of multiple BD9884FVs.

- IC0101, IC0601 (FA5502M)

FA5502M is a control IC for a power factor correction converter. The CMOS process with high dielectric strength is adopted to achieve low power consumption. The average current control system ensures stable operation and makes it easy to achieve a power factor of 99% or greater. In addition, direct current voltage can be controlled over a wide range of load conditions from no load to rated load.

- M E M O -

CHASSIS LAYOUT/OVERALL WIRING DIAGRAM
(TU-65GD1E)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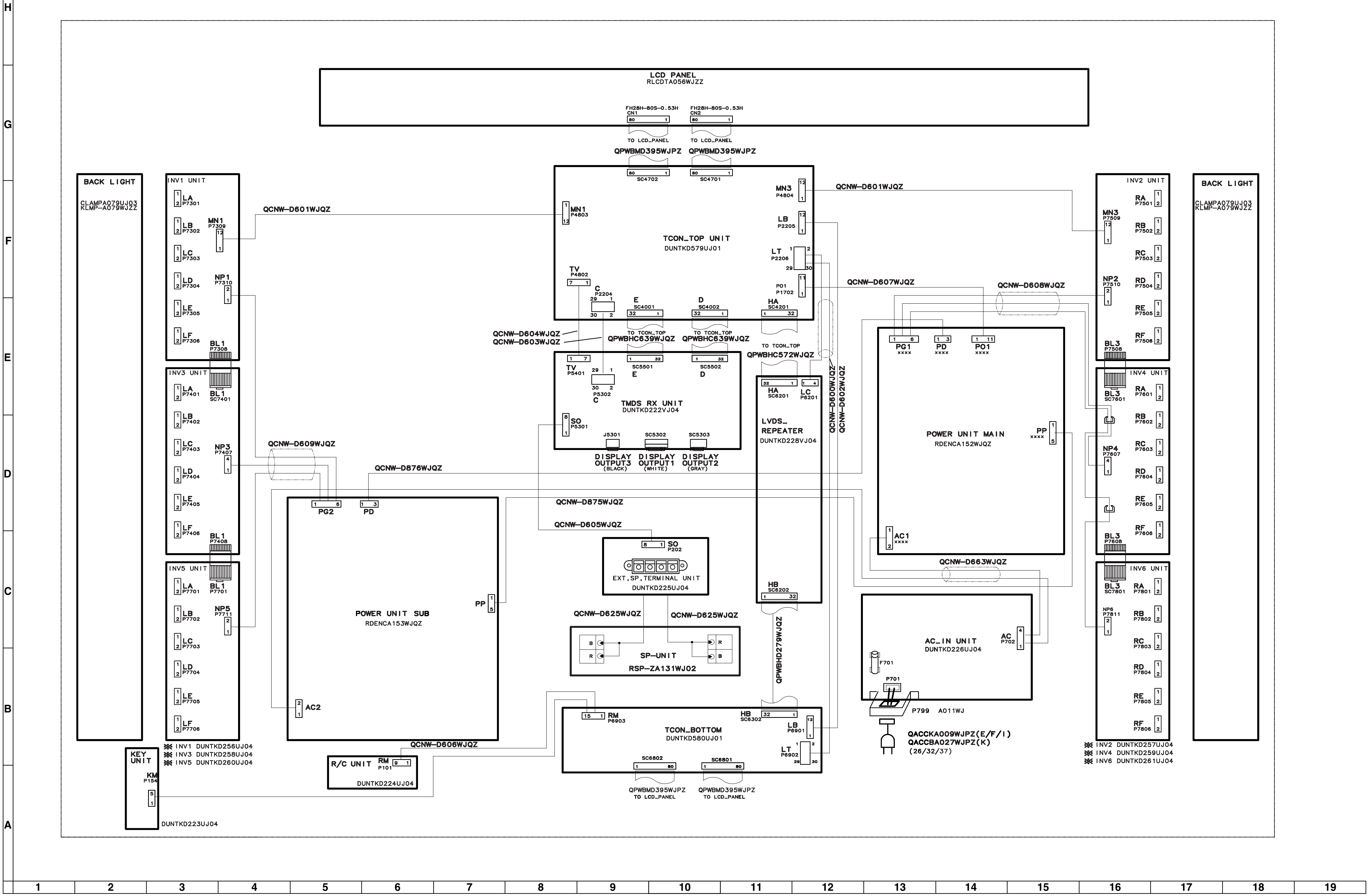
QCNW–C295WJQZ
FRONT UNIT
DSETUC602DE06
DUNTKC602DE06
AF
P2402
QCNW–C292WJPZ
QCNW–D993WJQZ
FAN
NFANR0126CEZZ
FC
SC3802
AF
P3804
PA
P5703
P5707
FAN
NFANR0120CEZZ
AV UNIT
DSETUC480FE19
DUNTKC480DE19
PC
P2501
P5706
P3806
SA
P3801
AD
P3805
SF
P3800
SJ
P3807
MA
P3802
U/V TUNER
TU1101
VTUATMQZ2_404
Y / Pb / Pr
INPUT3
V / R / L
VIDEO OUT
SCART1
SCART3
SCART2
DIGITAL
AUDIO
OUT
CENTER
CHANNEL
INPUT
ANT CABLE
QCNW–D448WJZZ
QCNW–D251WJQZ
QCNW–C026WJQZ
PF
P1701
PG
P1702
PJ
P1791
PI
P1790
DC/DC UNIT
RDENCA111WJZZ
PK
P1751
PA
P1752
DP
P1781
95KECB8163ZZ
95KECB8162ZZ
PF
P1801
PG
P1802
MD
P3700
QCNW–C280WJQZ
MAIN–UNIT
DUNTKC938FE11
DUNTKC938DE11
MA
P7201
LV
SC3200
FC
SC7200
SH
P1501
ME
P7200
FP
SC7201
LP
P1502
SC2101
B to B
P8903
SC2102
B to B
P8505
DVB–T UNIT
DUNTKC482FE01
DUNTKC482DE01
CB
P9001
CA
P8901
DIGITAL
TUNER
TU9001
RTUDTA010WJ
DU
P8506
CPU UNIT
DUNTKC427FE50
DUNTKC427DE50
CB
P8501
DP
P8502
CA
P8504
QCNW–C300WJQZ
QCNW–C299WJQZ
QCNW–D252WJQZ
QCNW–C806WJQZ
QPWBHC571WJQZ
95KECB8161ZZ
POWER UNIT
RDENCA110WJZZ
PJ
CN902
PI
CN901
PK
CN904
DC–OUT
9V
QACCKA007WJPZ(E/F/I)
QACCBA021WJPZ(K)
QPWBHC572WJQZ
QCNW–D253WJQZ
(C287KARAD409)
QCNW–D409WJQZ
QCNW–D256WJQZ
QCNW–C034WJQZ
QCNW–C294WJPZ
REMOTE CONTROL
RRMCGA258WJSA
(UBATU0038CEZZ ×2)
CNA101
1–bit AMP.
B2SX4102BT
CNA102
QCNW–C286WJQZ
FP
SC5102
SC5602
COMMON
INTERFACE
PC
P5003
PC CARD UNIT
DUNTKC544FE01
DUNTKC544DE01
ME
P1901
MD
P1900
DVI UNIT
DUNTKC267FE64
DUNTKC267DE64
AD
P1902
SC1900
J1900
DVI
AUDIO
INPUT5
DU
P3101
LP
P3104
LV
SC2801
TMDS–TX UNIT
DUNTKD051FE13
DUNTKD051DE13
SC3101
SC3103
RS–232C
CONTROL
DVI
DISPLAY
OUTPUT1
(WHITE)
SC
P6003
SF
P6002
SJ
P6001
SH
P6000
SPEKER–B
DISPLAY
OUTPUT3
(BLACK)
DISPLAY
OUTPUT2
(GRAY)
AUDIO I/F UNIT
DSETUC602FE06
DUNTKC603DE06
SYSTEM CABLE
QCNW–C656WJZZ

CHASSIS LAYOUT/OVERALL WIRING DIAGRAM
(LC-65GD1E)


LCD PANEL
RLCDTA056WJZZ
FH28H-80S-0.53H CN1
FH28H-80S-0.53H CN2
TO LCD_PANEL
QPWBMD395WJPZ
SC4702
SC4701
TCON_TOP UNIT
DUNTKD579UJ01
MN1 P4803
MN3 P4804
LB P2205
LT P2206
PO1 P1702
TV P4802
C P2204
E SC4001
D SC4002
HA SC4201
TO TCON_TOP
QPWBHC639WJQZ
QPWBHC572WJQZ
QCNW-D604WJQZ
QCNW-D603WJQZ
QCNW-D601WJQZ
QCNW-D607WJQZ
QCNW-D608WJQZ
BACK LIGHT
CLAMPA079UJ03
KLMP-A079WJZZ
INV1 UNIT
LA P7301
LB P7302
LC P7303
LD P7304
LE P7305
LF P7306
MN1 P7309
NP1 P7310
BL1 P7308
INV3 UNIT
BL1 SC7401
LA P7401
LB P7402
LC P7403
LD P7404
LE P7405
LF P7406
NP3 P7407
BL1 P7408
INV5 UNIT
BL1 SC7701
LA P7701
LB P7702
LC P7703
LD P7704
LE P7705
LF P7706
NP5 P7711
※ INV1 DUNTKD256UJ04
※ INV3 DUNTKD258UJ04
※ INV5 DUNTKD260UJ04
TV P5401
P5302 C
SC5501 E
SC5502 D
TMDS RX UNIT
DUNTKD222VJ04
SO P5301
J5301
SC5302
SC5303
DISPLAY OUTPUT3 (BLACK)
DISPLAY OUTPUT1 (WHITE)
DISPLAY OUTPUT2 (GRAY)
HA SC6201
LC P6201
LVDS_ REPEATER
DUNTKD228VJ04
HB SC6202
QCNW-D600WJQZ
QCNW-D602WJQZ
QPWBHD279WJQZ
QCNW-D609WJQZ
QCNW-D876WJQZ
QCNW-D875WJQZ
QCNW-D605WJQZ
PG2
PD
POWER UNIT SUB
RDENCA153WJQZ
PP
AC2
SO P202
EXT,SP,TERMINAL UNIT
DUNTKD225UJ04
QCNW-D625WJQZ
QCNW-D625WJQZ
SP-UNIT
RSP-ZA131WJ02
B
R
R
B
PG1 xxxx
PD xxxx
PO1 xxxx
POWER UNIT MAIN
RDENCA152WJQZ
PP xxxx
AC1 xxxx
QCNW-D663WJQZ
AC_IN UNIT
DUNTKD226UJ04
AC P702
F701
P701
P799 A011WJ
QACCKA009WJPZ(E/F/I)
QACCBA027WJPZ(K)
(26/32/37)
KEY UNIT
KM P154
DUNTKD223UJ04
R/C UNIT
RM P101
DUNTKD224UJ04
QCNW-D606WJQZ
RM P6903
HB SC6302
TCON_BOTTOM
DUNTKD580UJ01
LB P6901
LT P6902
SC6802
SC6801
QPWBMD395WJPZ
TO LCD_PANEL
INV2 UNIT
MN3 P7509
NP2 P7510
BL3 P7508
RA P7501
RB P7502
RC P7503
RD P7504
RE P7505
RF P7506
INV4 UNIT
BL3 SC7601
NP4 P7607
BL3 P7608
RA P7601
RB P7602
RC P7603
RD P7604
RE P7605
RF P7606
INV6 UNIT
BL3 SC7801
NP6 P7811
RA P7801
RB P7802
RC P7803
RD P7804
RE P7805
RF P7806
※ INV2 DUNTKD257UJ04
※ INV4 DUNTKD259UJ04
※ INV6 DUNTKD261UJ04
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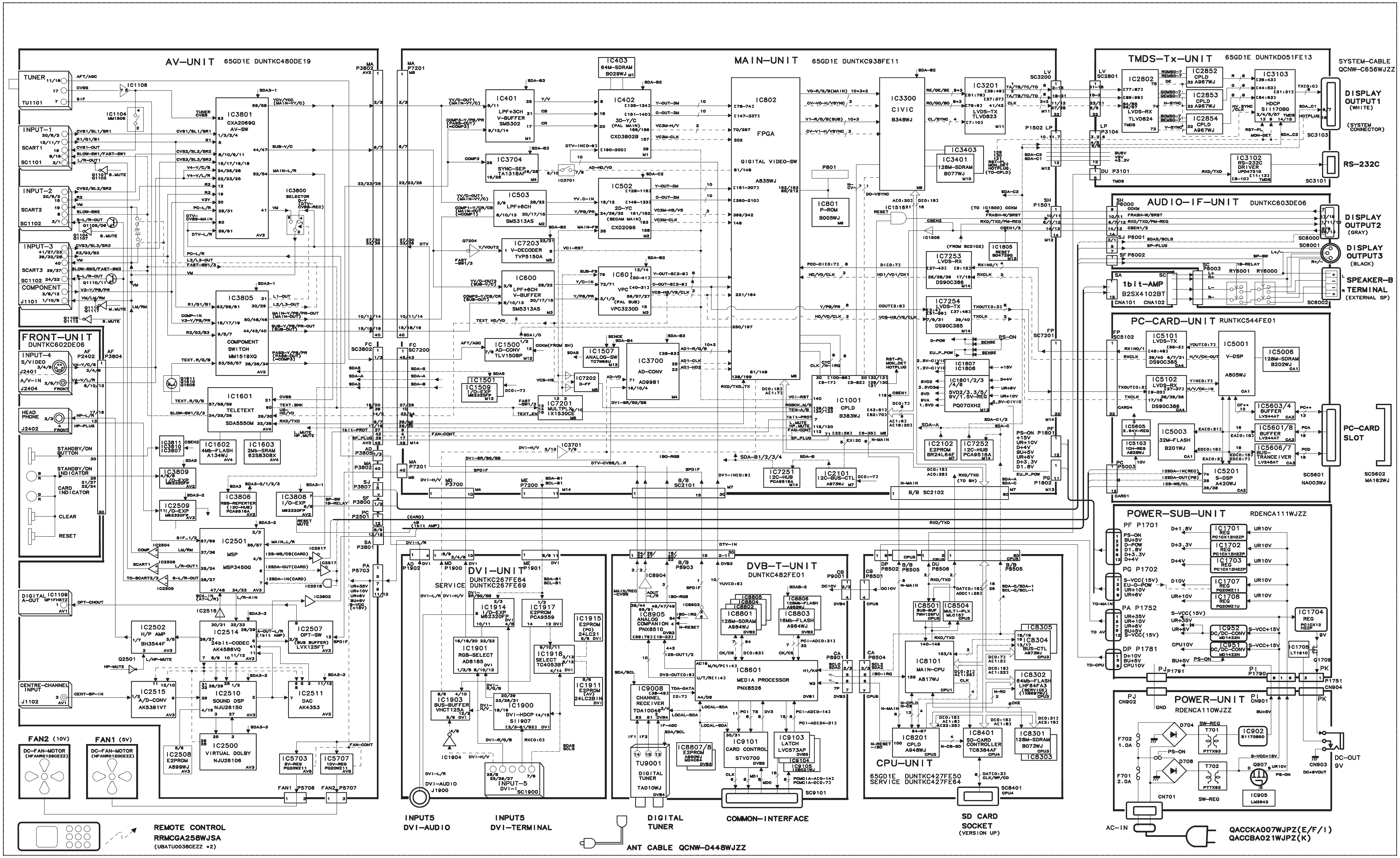
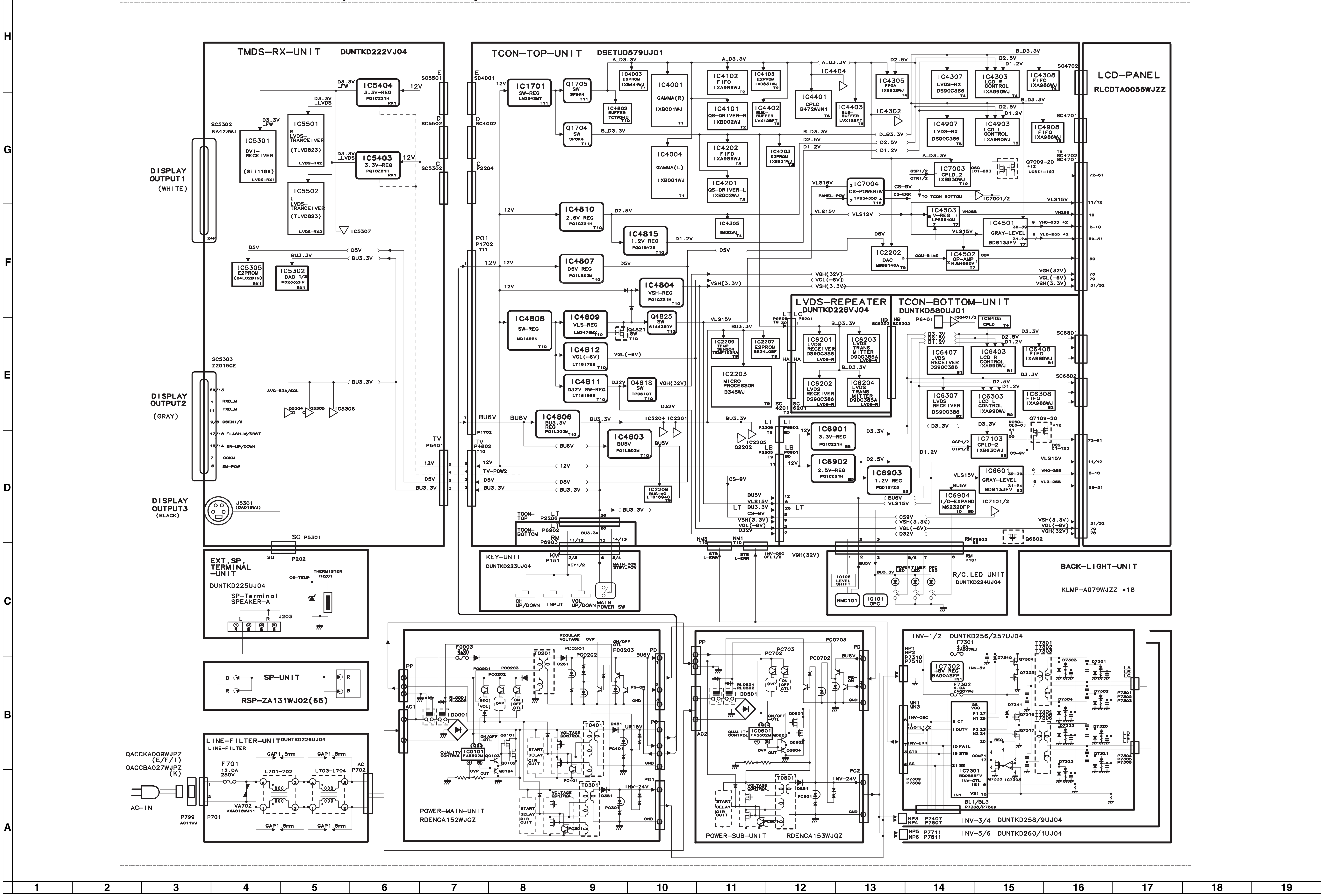
SYSTEM BLOCK DIAGRAM (TU-65GD1E)


AV-UNIT 65GD1E DUNTKC480DE19
MAIN-UNIT 65GD1E DUNTKC938FE11
TMDS-Tx-UNIT 65GD1E DUNTKD051FE13
AUDIO-IF-UNIT DUNTKC603DE06
PC-CARD-UNIT RUNTKC544FE01
POWER-SUB-UNIT RDENCA111WJZZ
POWER-UNIT RDENCA110WJZZ
FRONT-UNIT DUNTKC602DE06
DVI-UNIT DUNTKC267FE64 SERVICE DUNTKC267FE69
DVB-T-UNIT DUNTKC482FE01
CPU-UNIT 65GD1E DUNTKC427FE50 SERVICE DUNTKC427FE64
TUNER
INPUT-1 SCART1
INPUT-2 SCART2
INPUT-3 SCART3
COMPONENT
INPUT-4 S/VIDEO
HEAD PHONE
DIGITAL A-OUT
CENTRE-CHANNEL INPUT
STANDBY/ON BUTTON
STANDBY/ON INDICATOR
CARD INDICATOR
CLEAR
RESET
IC3801 CXA2069Q AV-SW
IC3800 SELECTOR
IC3805 COMPONENT SWITCH MM1519XQ
IC1601 TELETEXT SDA5550M
IC1602 4Mb-FLASH
IC1603 2Mb-SRAM
IC3809 I/O-EXP
IC3806 RGB-REPEATER (I2C-HUB) PCA9516A
IC3808 I/O-EXP
IC2509 I/O-EXP
IC2501 MSP MSP3450G
IC2502 H/P AMP BH3544F
IC2514 24bit-CODEC AK4586VQ
IC2507 OPT-SW
IC2515 A/D-CONV AK5381VT
IC2510 SOUND DSP NJU26150
IC2511 DAC AK4353
IC2500 VIRTUAL DOLBY NJU26106
IC2508 E2PROM
IC5703 5V-REG
IC5707 10V-REG
FAN2 (10V) DC-FAN-MOTOR
FAN1 (5V) DC-FAN-MOTOR
IC401 LPF+3CH V-BUFFER SM5302
IC403 64M-SDRAM
IC402 3D-Y/C CXD3802B
IC3704 SYNC-SEP TA1318AF
IC503 LPF+6CH V-BUFFER SM5313AS
IC502 2D-YC CXD2096
IC7203 V-DECODER TVP5150A
IC600 LPF+6CH V-BUFFER SM5313AS
IC601 VPC VPC3230D
IC1500 AD-CONV TLV1508P
IC1507 ANALOG-SW
IC3700 AD-CONV AD9981
IC1501 I/O-EXP
IC7201 MULTPLX
IC7202 D-FF
IC3701
IC802 FPGA DIGITAL VIDEO-SW
IC801 P-ROM
IC3300 CIVIC
IC3201 LVDS-TX TLVD823
IC3401 128M-SDRAM
IC1001 CPLD
IC7253 LVDS-RX DS90C386
IC7254 LVDS-TX DS90C385
IC1807 IC1808
IC1801/2/3/4/6 5VD2/3.3/8/ 9V/1.5V-REG
IC2102 E2PROM
IC7252 I2C-HUB
IC7251 I2C-HUB
IC2101 I2C-BUS-CTL
IC2802 LVDS-RX TLVD824
IC2852 CPLD
IC2853 CPLD
IC2854 CPLD
IC3103 HDCP SI1170BG
IC3102 RS-232C DRIVER
DISPLAY OUTPUT1 (WHITE)
(SYSTEM CONNECTOR)
RS-232C
SYSTEM-CABLE QCNW-C656WJZZ
DISPLAY OUTPUT2 (GRAY)
DISPLAY OUTPUT3 (BLACK)
SPEAKER-B TERMINAL (EXTERNAL SP)
1bit-AMP B2SX4102BT
IC5101 LVDS-TX
IC5001 V-DSP
IC5006 128M-SDRAM
IC5102 LVDS-RX
IC5003 32M-FLASH
IC5603/4 BUFFER
IC5601/8 BUFFER
IC5606/7 BUS-TRANCEIVER
IC5201 S-DSP
PC-CARD SLOT
IC1701 REG
IC1702 REG
IC1703 REG
IC1707 REG
IC1708 REG
IC1704 REG
IC952 DC/DC-CONV
IC951 DC/DC-CONV
IC1705
IC902
IC905
SW-REG
DC-OUT 9V
AC-IN
QACCKA007WJPZ(E/F/I)
QACCBA021WJPZ(K)
IC1914 I/O-EXP
IC1917 E2PROM
IC1915 E2PROM
IC1901 RGB-SELECT AD8185
IC1918 SELECT
IC1911 E2PROM
IC1903 BUS-BUFFER
IC1900 DVI-HDCP SII907
IC1904
INPUT-5 DVI-I
IC8904
IC8905 ANALOG COMPANION PNX8510
IC8805 IC8804 IC8802 IC8801 128M-SDRAM
IC8806 IC8803 16Mb-FLASH
IC8601 MEDIA PROCESSOR PNX8526
IC9008 CHANNEL RECEIVER TDA10046
IC8807/8 E2PROM
IC9101 CARD CONTROL STV0700
IC9103 LATCH
IC9104 IC9105
TU9001 DIGITAL TUNER
IC8501 BUS-BUF
IC8504 MULTI-PLX
IC8101 MAIN-CPU
IC8305 IC8304 BUS-CTL
IC8302 64Mb-FLASH
IC8201 CPLD
IC8401 SD-CARD CONTROLLER
IC8301 128M-SDRAM IC8303
REMOTE CONTROL RRMCGA258WJSA
INPUT5 DVI-AUDIO
INPUT5 DVI-TERMINAL
DIGITAL TUNER
ANT CABLE QCNW-D448WJZZ
COMMON-INTERFACE
SD CARD SOCKET (VERSION UP)

SYSTEM BLOCK DIAGRAM (LC-65GD1E)


TMDS-RX-UNIT DUNTKD222VJ04
IC5404 3.3V-REG PQ1CZ21H
IC5403 3.3V-REG PQ1CZ21H
IC5301 DVI-RECEIVER (SII1169)
IC5501 R LVDS-TRANCEIVER (TLVD823)
IC5502 L LVDS-TRANCEIVER (TLVD823)
IC5305 E2PROM (24LC21IN)
IC5302 DAC 1/2 M62332FP
DISPLAY OUTPUT1 (WHITE)
DISPLAY OUTPUT2 (GRAY)
DISPLAY OUTPUT3 (BLACK)
TCON-TOP-UNIT DSETUD579UJ01
IC1701 SW-REG LM2642MT
IC4001 GAMMA(R) IXB001WJ
IC4004 GAMMA(L) IXB001WJ
IC4102 FIFO IXA986WJ
IC4101 QS-DRIVER-R IXB002WJ
IC4202 FIFO IXA986WJ
IC4201 QS-DRIVER-L IXB002WJ
IC4401 CPLD B472WJN1
IC4305 FPGA IXB632WJ
IC4307 LVDS-RX DS90C386
IC4303 LCD R CONTROL IXA990WJ
IC4308 FIFO IXA986WJ
IC4907 LVDS-RX DS90C386
IC4903 LCD L CONTROL IXA990WJ
IC4908 FIFO IXA986WJ
IC7003 CPLD-2 IXB630WJ
IC7004 CS-POWER TPS84350
IC4503 V-REG LP2951CM
IC4501 GRAY-LEVEL BD8133FV
IC4502 OP-AMP NJM4580V
IC2202 DAC MB88146A
IC4810 2.5V REG PQ1CZ21H
IC4815 1.2V REG PQ015YZ5
IC4807 D5V REG PQ1L503M
IC4804 VSH-REG PQ1CZ21H
IC4808 SW-REG MD1422N
IC4809 VLS-REG LM3478MM
IC4812 VGL(-6V) LT1617ES
IC4811 D32V SW-REG LT1615ES
IC4806 BU3.3V REG PQ1L333M
IC4803 BU5V PQ1L503M
LCD-PANEL RLCDTA0056WJZZ
LVDS-REPEATER DUNTKD228VJ04
TCON-BOTTOM-UNIT DUNTKD580UJ01
IC2203 MICRO PROCESSOR B345WJ
IC6901 3.3V-REG PQ1CZ21H
IC6902 2.5V-REG PQ1CZ21H
IC6903 1.2V REG PQ015YZ5
IC6407 LVDS RECEIVER DS90C386
IC6403 LCD R CONTROL IXA990WJ
IC6408 FIFO IXA986WJ
IC6307 LVDS RECEIVER DS90C386
IC6303 LCD L CONTROL IXA990WJ
IC6308 FIFO IXA986WJ
IC7103 CPLD-2 IXB630WJ
IC6601 GRAY-LEVEL BD8133FV
IC6904 I/O-EXPAND M62320FP
EXT.SP, TERMINAL -UNIT DUNTKD225UJ04
SP-Terminal SPEAKER-A
SP-UNIT RSP-ZA131WJ02(65)
KEY-UNIT DUNTKD223UJ04
CH UP/DOWN
INPUT
VOL UP/DOWN
MAIN POWER SW
R/C.LED UNIT DUNTKD224UJ04
RMC101
IC101 OPC
BACK-LIGHT-UNIT KLMP-A079WJZZ *18
LINE-FILTER-UNIT DUNTKD226UJ04
QACCKA009WJPZ (E/F/I)
QACCBA027WJPZ (K)
AC-IN
POWER-MAIN-UNIT RDENCA152WJQZ
POWER-SUB-UNIT RDENCA153WJQZ
INV-1/2 DUNTKD256/257UJ04
IC7302 +5V REG BA00ASFP
IC7301 BD9885FV
INV-3/4 DUNTKD258/9UJ04
INV-5/6 DUNTKD260/1UJ04
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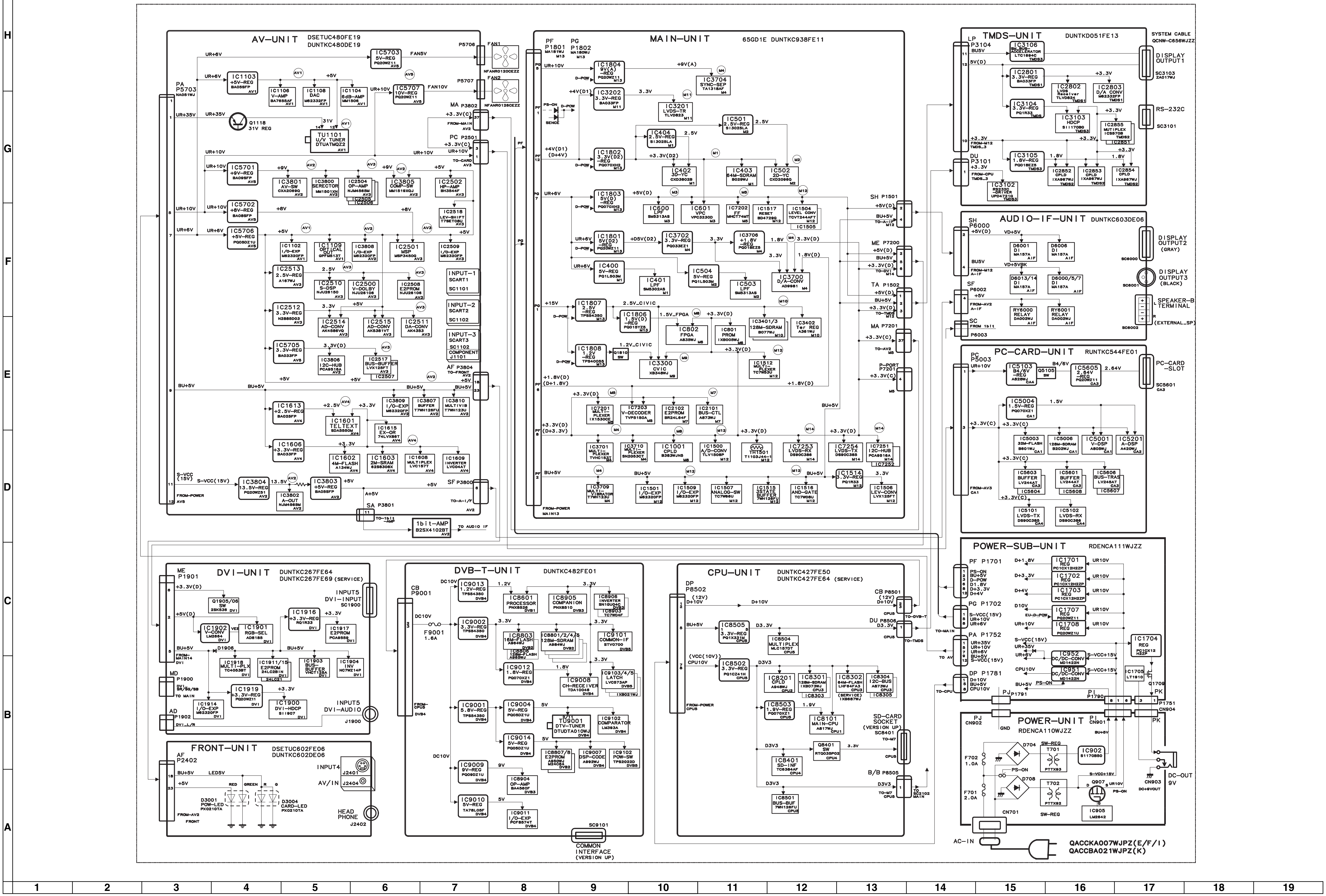
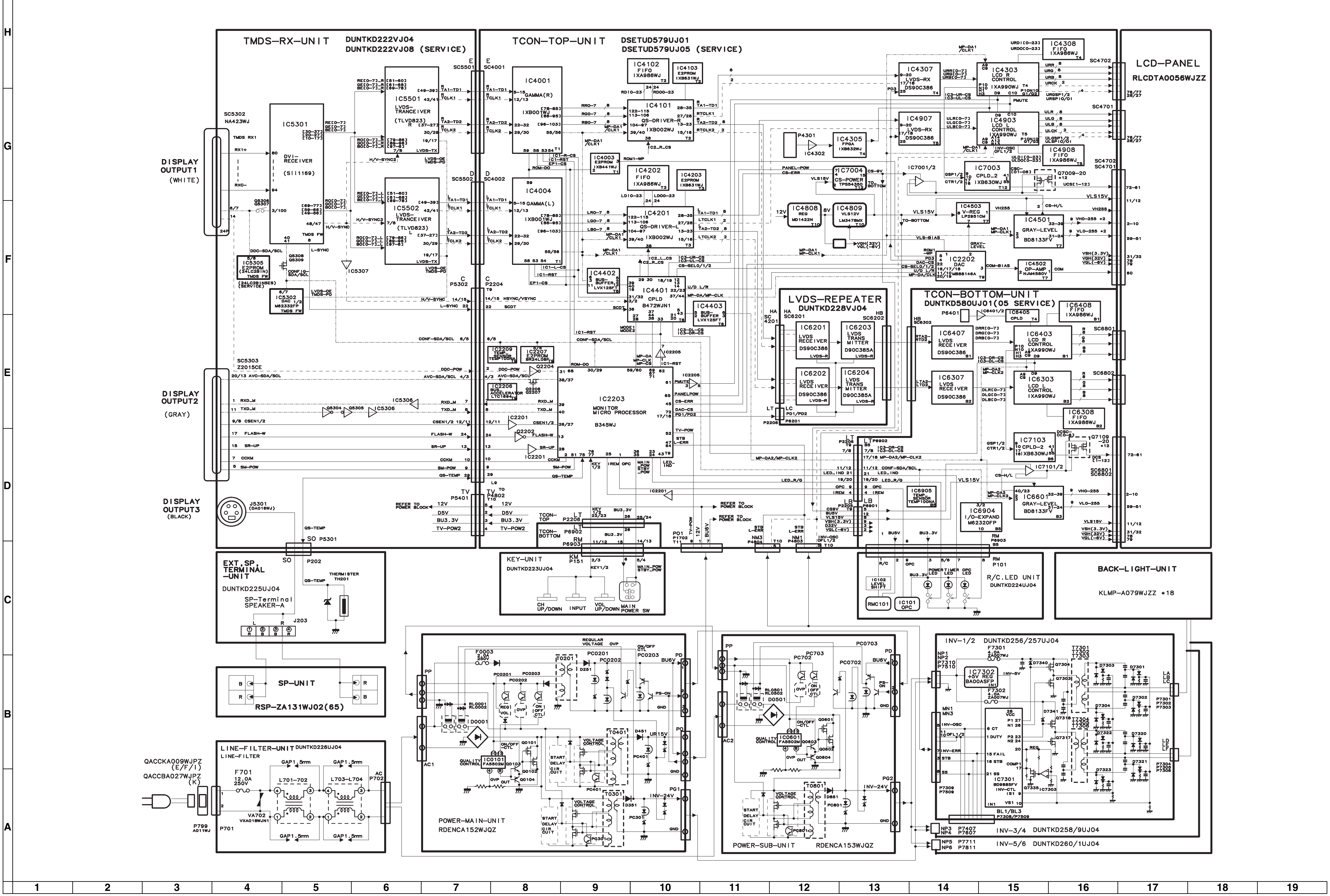
POWER BLOCK DIAGRAM (TU-65GD1E)

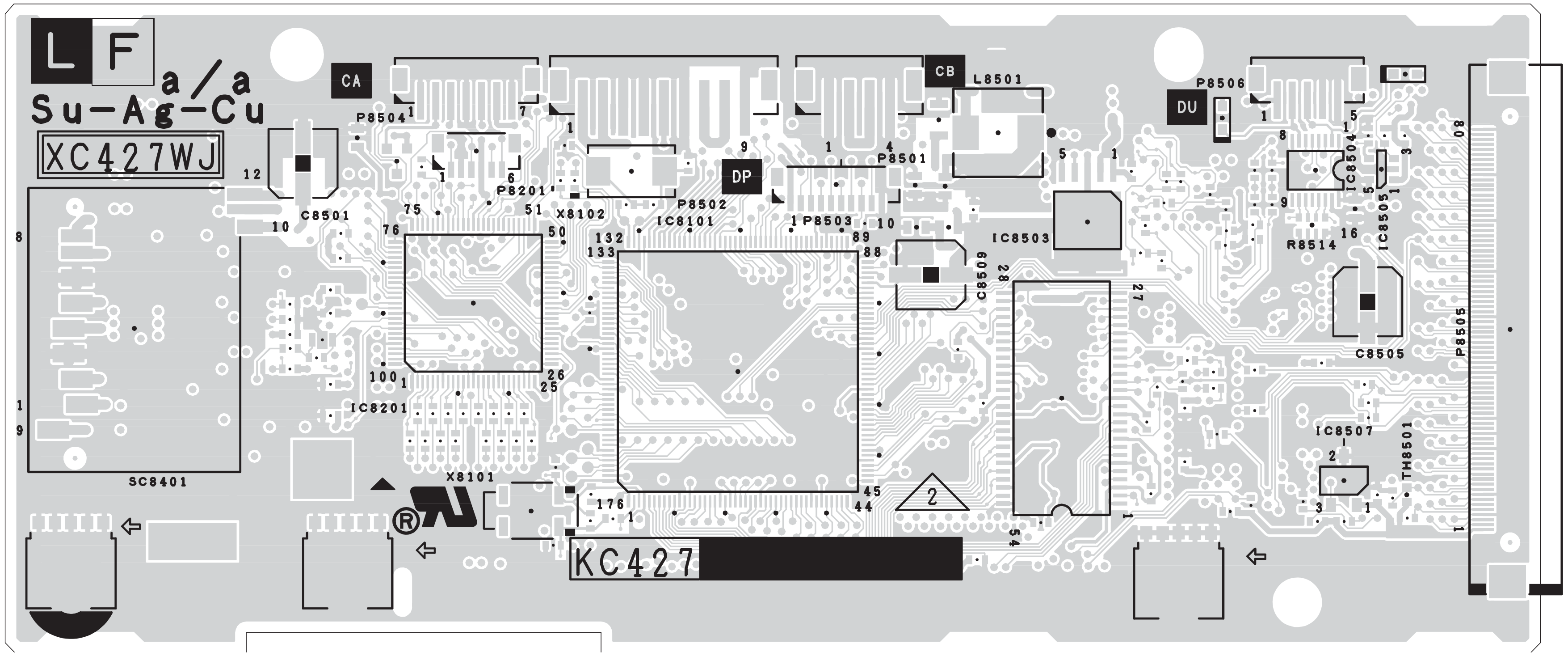

AV–UNIT DSETUC480FE19 DUNTKC480DE19
PA P5703
IC1103 +5V–REG BA05SFP
IC5703 5V–REG PQ20WZ11
IC5707 10V–REG PQ20WZ11
IC1106 V–AMP BA7655AF
IC1108 DAC M62332FP
IC1104 6dB–AMP MM1506
Q1118 31V REG
TU1101 U/V TUNER DTUATMQZ2
FAN1
FAN2
P5706
P5707
MA P3802
PC P2501
IC5701 +9V–REG BA09SFP
IC3801 AV–SW CXA2069Q
IC3800 SERECTOR MM1501XN
IC2504 OP–AMP NJM4565M
IC3805 COMP–SW MM1519XQJ
IC2502 HP–AMP BH3544F
IC5702 +8V–REG BA08SFP
IC2518 LEV–SHIFT
IC5706 +5V–REG PQ050Z1U
IC1102 I/O–EXP M62320FP
IC1109 OPTICAL OUT
IC3808 I/O–EXP M62320FP
IC2501 MSP MSP34500
IC2509 I/O–EXP M62320FP
IC2513 2.5V–REG
IC2510 S–DSP NJU26150
IC2500 V–DOLBY NJU26106
IC2508 E2PROM
INPUT–1 SCART1 SC1101
INPUT–2 SCART2 SC1102
INPUT–3 SCART3 SC1102 COMPONENT J1101
IC2512 3.3V–REG
IC2514 AD–CONV AK4586VQ
IC2515 AD–CONV AK5381VT
IC2511 DA–CONV AK4353
IC5705 3.3V–REG BA033FP
IC3806 I2C–HUB PCA9516A
IC2517 BUS–BUFFER LVX125FT
IC2507
AF P3804
IC1613 +2.5V–REG BA025FP
IC3809 I/O–EXP M62320FP
IC3807 BUFFER
IC3810 MULTIVIB
IC1601 TELTEXT SDA5550M
IC1615 EX–OR 74LVX86T
IC1606 +3.3V–REG BA033FP
IC1602 4M–FLASH
IC1603 2M–SRAM
IC1608 MULTIPLEX
IC1609 INVERTER
S–VCC (15V)
IC3804 13.5V–REG
IC3802 A–OUT NJM4558M
IC3803 +5V–REG BA05SFP
SF P3800
SA P3801
1bit–AMP B2SX4102BT
TO AUDIO IF
MAIN–UNIT 65GD1E DUNTKC938FE11
PF P1801
PG P1802
IC1804 9V(A) –REG
IC3704 SYNC–SEP
IC3202 3.3V–REG
IC3201 LVDS–TR
IC501 2.5V–REG
IC404 2.5V–REG
IC1802 3.3V(D2) –REG
IC402 3D–YC
IC403 64M–SDRAM
IC502 2D–YC
IC1803 5V(D) –REG
IC600 LPF
IC601 VPC
IC7202 FF
IC1517 RESET
IC1504 LEVEL CONV
IC1505
IC1801 5V(D2) –REG
IC3702 3.3V–REG
IC3706 +1.8V –REG
IC400 5V–REG
IC401 LPF
IC504 5V–REG
IC503 LPF
IC3700 D/A–CONV
IC1807 2.5V –REG
IC1806 1.5V(D) –REG
IC802 FPGA
IC801 PROM
IC3401/3 128M–SDRAM
IC3402 Ter REG
IC1808 1.2V –REG
Q1810 SW
IC3300 CVIC
IC1512 MULTI–PLEXER
IC7201 MULTI–PLEXER
IC7203 V–DECODER
IC2102 E2PROM
IC2101 BUS–CTL
IC3701 MULTI–PLEXER
IC3710 MULTI–PLEXER
IC1001 CPLD
IC1500 A/D–CONV
TH1501
IC7253 LVDS–RX
IC7254 LVDS–TX
IC7251 I2C–HUB
IC7252
IC1514 3.3V–REG
IC3709 MULTI–VIBRATOR
IC1501 I/O–EXP
IC1509 I/O–EXP
IC1507 ANALOG–SW
IC1515 3STATE BUFFER
IC1516 AND–GATE
IC1506 LEV–CONV
SH P1501
ME P7200
TA P1502
MA P7201
P–PORT P7201
TMDS–UNIT DUNTKD051FE13
LP P3104
IC3106 ACCELERATOR
IC2801 3.3V–REG
IC2802 LVDS Receiver
IC2803 D/A CONV
IC3104 3.3V–REG
IC3103 HDCP
IC2855 MUTIPLEX
IC2851
IC3105 1.8V–REG
IC2852 CPLD
IC2853 CPLD
IC2854 CPLD
DU P3101
IC3102 RS232C –DRIVER
SYSTEM CABLE QCNW–C656WJZZ
DISPLAY OUTPUT1 SC3103
RS–232C SC3101
AUDIO–IF–UNIT DUNTKC603DE06
SH P6000
D6001 DI
D6006 DI
D6013/14 DI
D6000/5/7 DI
SF P6002
RY6000 RELAY
RY6001 RELAY
SC P6003
DISPLAY OUTPUT2 (GRAY) SC6000
DISPLAY OUTPUT3 (BLACK) SC6001
SPEAKER–B TERMINAL
(EXTERNAL_SP) SC6002
PC–CARD–UNIT RUNTKC544FE01
PC P5003
IC5103 B4/6V –REG
Q5105 SW
IC5605 2.64V –REG
PC–CARD –SLOT SC5601
IC5004 1.5V–REG
IC5003 32M–FLASH
IC5006 128M–SDRAM
IC5001 V–DSP
IC5201 A–DSP
IC5603 BUFFER
IC5604
IC5601 BUFFER
IC5608
IC5606 BUS–TRAS
IC5607
IC5101 LVDS–TX
IC5102 LVDS–RX
POWER–SUB–UNIT RDENCA111WJZZ
PF P1701
IC1701 REG
IC1702 REG
IC1703 REG
PG P1702
IC1707 REG
IC1708 REG
PA P1752
IC1704 REG
IC952 DC/DC–CONV
IC951 DC/DC–CONV
IC1705
Q1709
DP P1781
PJ P1791
PI P1790
PK P1751 CN904
POWER–UNIT RDENCA110WJZZ
PJ CN902
PI CN901
PK
IC902
D704
T701
D708
T702
Q907
IC905
F702 1.0A
F701 2.0A
CN701
CN903
DC–OUT 9V
AC–IN
QACCKA007WJPZ(E/F/I)
QACCBA021WJPZ(K)
DVI–UNIT DUNTKC267FE64 DUNTKC267FE69 (SERVICE)
ME P1901
Q1905/06 SW
INPUT5 DVI–INPUT SC1900
IC1916 +3.3V–REG
IC1902 V–CONV
IC1901 RGB–SEL
IC1917 E2PROM
IC1918 MULTI–PLX
IC1911/15 E2PROM
IC1903 BUS–BUFFER
IC1904 INV
MD P1900
IC1919 +3.3V–REG
AD P1902
IC1914 I/O–EXP
IC1900 DVI–HDCP
INPUT5 DVI–AUDIO J1900
FRONT–UNIT DSETUC602FE06 DUNTKC602DE06
AF P2402
INPUT4 J2401
AV/IN J2404
D3001 POW–LED
D3004 CARD–LED
HEAD PHONE J2402
DVB–T–UNIT DUNTKC482FE01
CB P9001
F9001 1.6A
IC9013 1.2V–REG
IC8601 PROCESSOR
IC8905 COMPANION
IC8906 INVERTER
IC8903
IC9002 3.3V–REG
IC8803 16M–FLASH
IC8801/2/4/5 128M–SDRAM
IC9101 COMMON–IF
IC9012 1.8V–REG
IC9008 CH–RECEIVER
IC9103/4/5 LATCH
IC9001 5.8V–REG
IC9004 5V–REG
TU9001 DTV–TUNER
IC9102 COMPARATOR
IC9014 5V–REG
IC8807/8 E2PROM
IC9007 DSP–CODE
IC9102 POW–SW
IC9009 9V–REG
IC8904 OP–AMP
IC9010 5V–REG
IC9011 I/O–EXP
SC9101
COMMON INTERFACE (VERSION UP)
CPU–UNIT DUNTKC427FE50 DUNTKC427FE64 (SERVICE)
DP P8502
CB P8501
DU P8506
IC8505 3.3V–REG
IC8504 MULTIPLEX
IC8502 3.3V–REG
IC8201 CPLD
IC8301 128M–SDRAM
IC8302 64M–FLASH
IC8304 I2C–BUS
IC8303
IC8305
IC8503 1.8V–REG
IC8101 MAIN–CPU
SD–CARD SOCKET (VERSION UP) SC8401
Q8401 SW
IC8401 SD–INF
B/B P8505
IC8501 BUS–BUF
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
H G F E D C B A

POWER BLOCK DIAGRAM (LC-65GD1E)

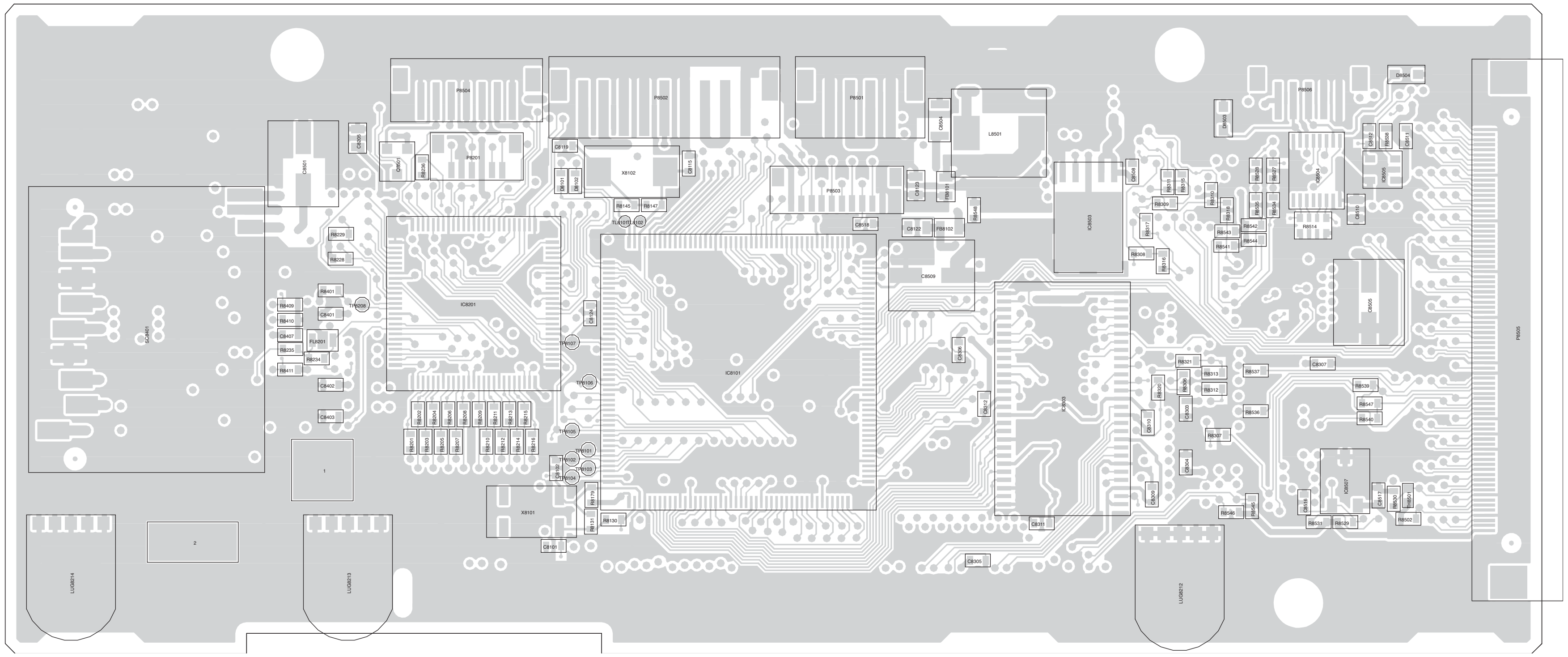

TMDS-RX-UNIT DUNTKD222VJ04
DUNTKD222VJ08 (SERVICE)
TCON-TOP-UNIT DSETUD579UJ01
DSETUD579UJ05 (SERVICE)
LCD-PANEL
RLCDTA0056WJZZ
DISPLAY OUTPUT1 (WHITE)
DISPLAY OUTPUT2 (GRAY)
DISPLAY OUTPUT3 (BLACK)
IC5301 DVI-RECEIVER (SII1169)
IC5501 LVDS-TRANCEIVER (TLVD823)
IC5502 LVDS-TRANCEIVER (TLVD823)
IC5305 E2PROM (24LC21BIN)
IC5302 DAC M62332FP
IC4001 GAMMA(R) IXB001WJ
IC4004 GAMMA(L) IXB001WJ
IC4101 QS-DRIVER-R IXB002WJ
IC4201 QS-DRIVER-L IXB002WJ
IC4102 FIFO IXA986WJ
IC4103 E2PROM IXB631WJ
IC4202 FIFO IXA986WJ
IC4203 E2PROM IXB631WJ
IC4003 E2PROM IXB441WJ
IC4401 CPLD B472WJN1
IC4402 BUS-BUFFER LVX125FT
IC4403 BUS-BUFFER LVX125FT
IC2203 MONITOR MICRO PROCESSOR B345WJ
IC2209 TEMP-SENSOR
IC2207 E2PROM BR24L08F
IC2206 BUS-ACCELERATOR LTC1694
IC4307 LVDS-RX DS90C386
IC4303 LCD R CONTROL IXA990WJ
IC4308 FIFO IXA986WJ
IC4907 LVDS-RX DS90C386
IC4903 LCD L CONTROL IXA990WJ
IC4908 FIFO IXA986WJ
IC4305 FPGA IXB632WJ
IC7004 CS-POWER TPS8435
IC7003 CPLD_2 IXB630WJ
IC4808 REG MD1422N
IC4809 VLS12V LM3478MX
IC4503 V-REG LP2951CM
IC4501 GRAY-LEVEL BD8133FV
IC2202 DAC M88146A
IC4502 OP-AMP NJM4580V
LVDS-REPEATER DUNTKD228VJ04
IC6201 LVDS RECEIVER DS90C386
IC6203 LVDS TRANS MITTER D90C385A
IC6202 LVDS RECEIVER DS90C386
IC6204 LVDS TRANS MITTER D90C385A
TCON-BOTTOM-UNIT DUNTKD580UJ01(05 SERVICE)
IC6407 LVDS RECEIVER DS90C386
IC6403 LCD R CONTROL IXA990WJ
IC6408 FIFO IXA986WJ
IC6307 LVDS RECEIVER DS90C386
IC6303 LCD L CONTROL IXA990WJ
IC6308 FIFO IXA986WJ
IC7103 CPLD-2 IXB630WJ
IC6905 TEMP SENSOR TEMP100NA
IC6904 I/O-EXPAND M62320FP
IC6601 GRAY-LEVEL BD8133FV
EXT,SP, TERMINAL -UNIT DUNTKD225UJ04
SP-Terminal SPEAKER-A
KEY-UNIT DUNTKD223UJ04
CH UP/DOWN INPUT VOL UP/DOWN MAIN POWER SW
R/C.LED UNIT DUNTKD224UJ04
BACK-LIGHT-UNIT KLMP-A079WJZZ ×18
SP-UNIT RSP-ZA131WJ02(65)
LINE-FILTER-UNIT DUNTKD226UJ04
QACCKA009WJPZ (E/F/I)
QACCBA027WJPZ (K)
F701 12.0A 250V
POWER-MAIN-UNIT RDENCA152WJQZ
POWER-SUB-UNIT RDENCA153WJQZ
INV-1/2 DUNTKD256/257UJ04
IC7302 +5V REG BA00ASFP
IC7301 BD9885FV
INV-3/4 DUNTKD258/9UJ04
INV-5/6 DUNTKD260/1UJ04
REFER TO POWER BLOCK
H G F E D C B A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

PRINTED WIRING BOARD ASSEMBLIES (TU-65GD1E)

■ CPU Unit


LF
a/a
Su-Ag-Cu
XC427WJ
CA
CB
DU
DP
P8504
P8201
P8502
P8503
P8501
L8501
P8506
X8102
IC8101
IC8503
C8509
IC8504
IC8505
R8514
C8505
P8505
C8501
IC8201
X8101
IC8507
TH8501
SC8401
KC427

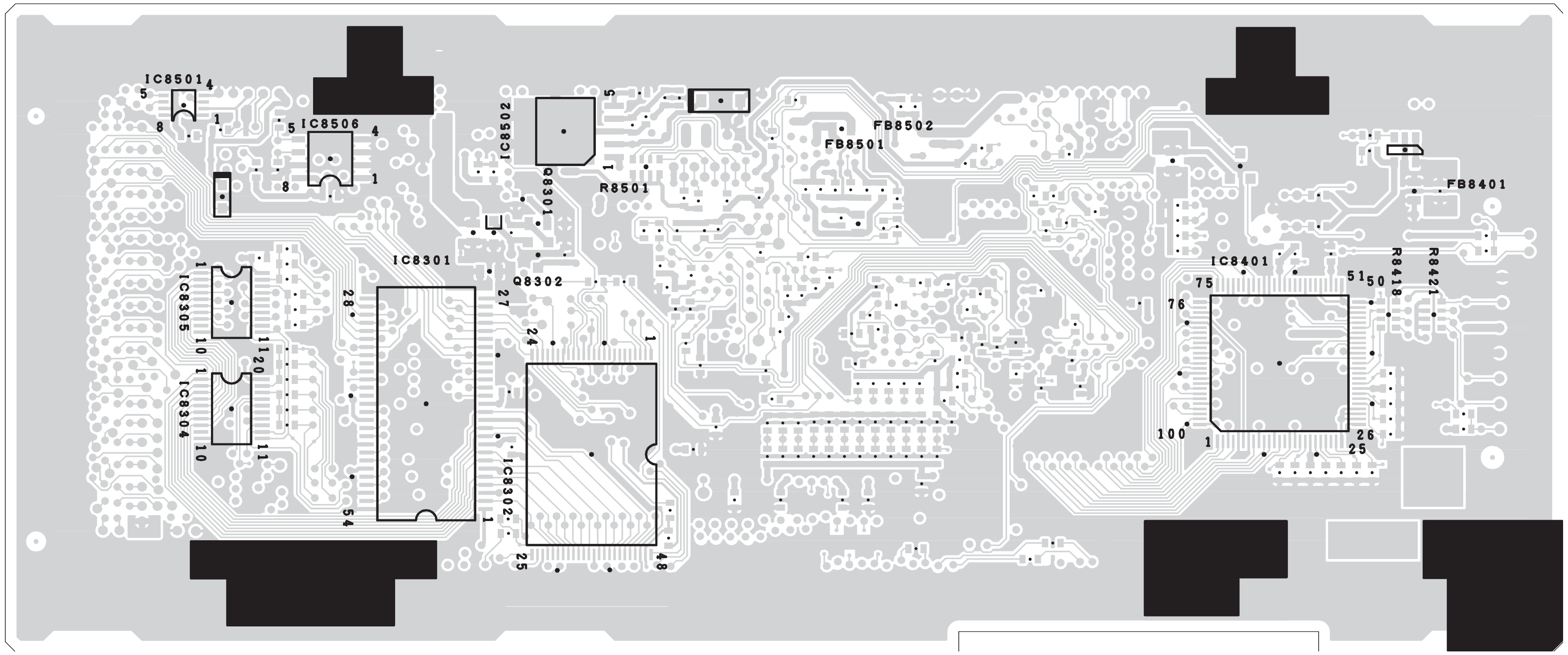
Side-A



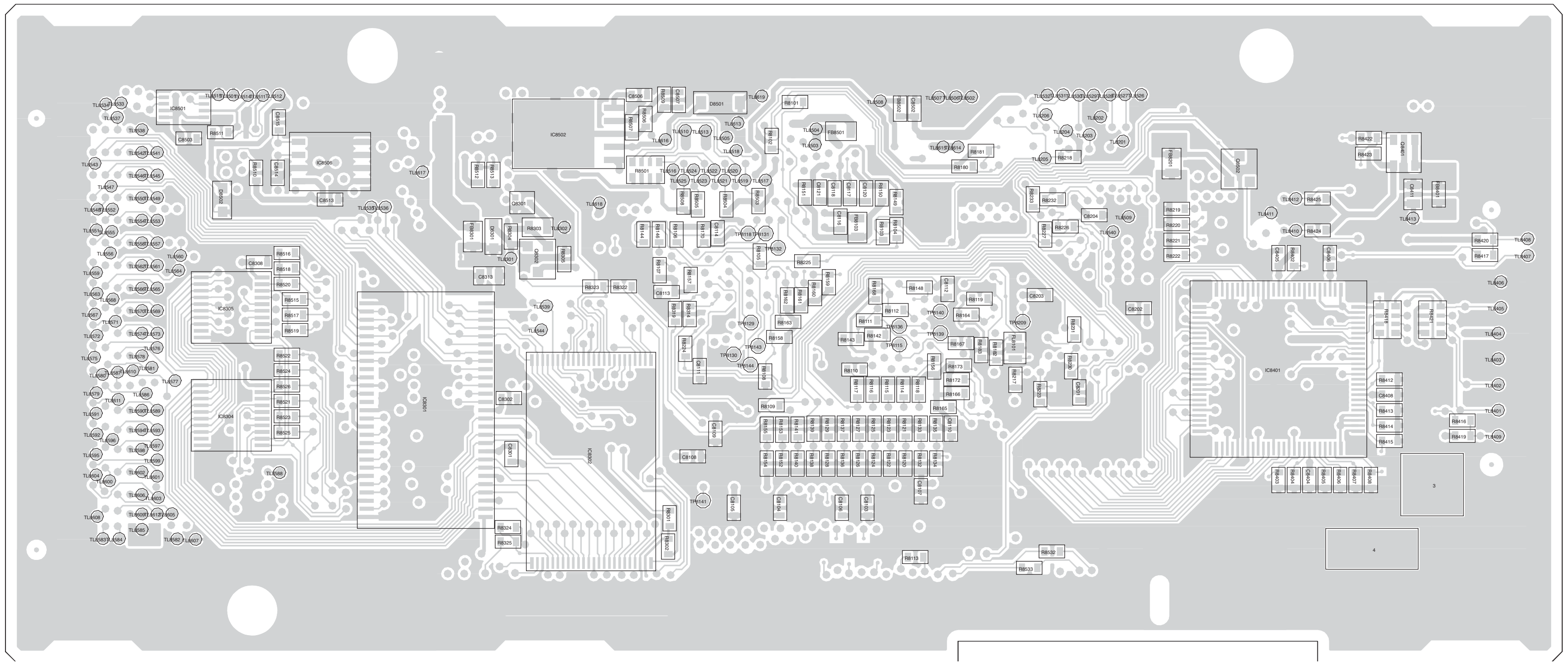
Chip Parts Side-A

■ CPU Unit

H
G
F
E
D
C
B
A


IC8501
IC8506
IC8502
Q8301
R8501
FB8502
FB8501
FB8401
IC8301
Q8302
IC8305
IC8304
IC8302
IC8401
R8418
R8421

Side-B

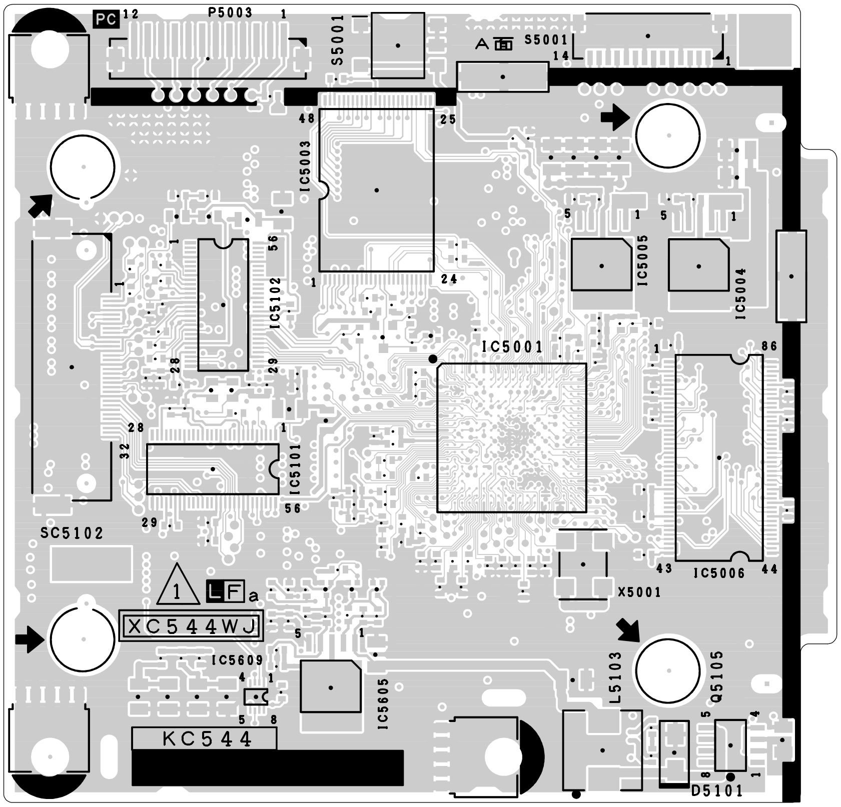


Chip Parts Side-B

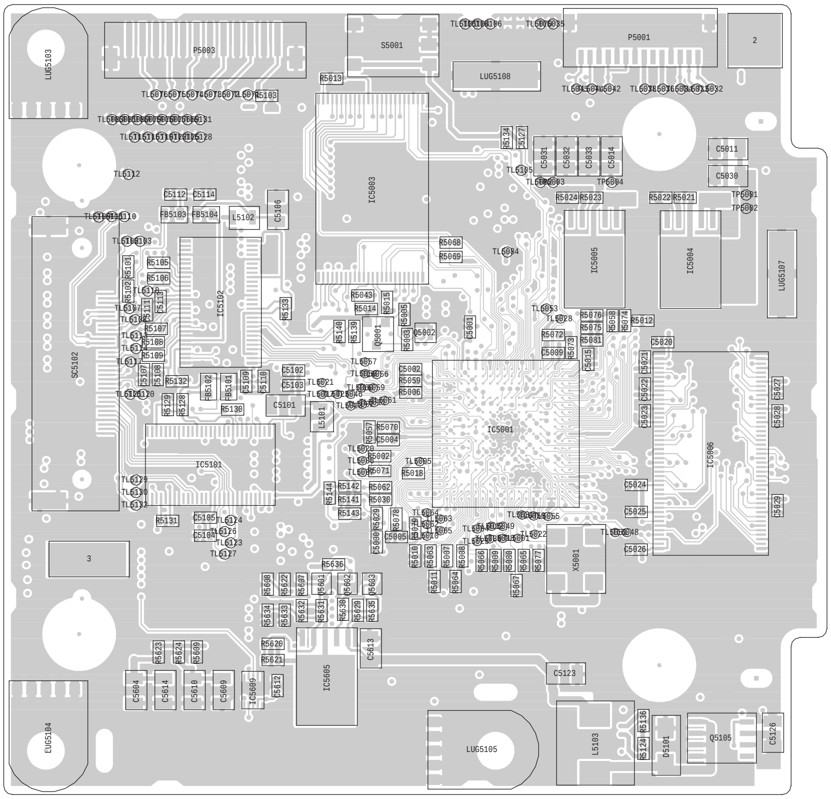
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

PC CARD Unit

H
G
F
E
D
C
B
A


PC
P5003
S5001
S5001
IC5003
IC5005
IC5004
IC5102
IC5001
IC5101
IC5006
SC5102
X5001
XC544WJ
IC5609
IC5605
L5103
Q5105
KC544
D5101
LF a

Side-A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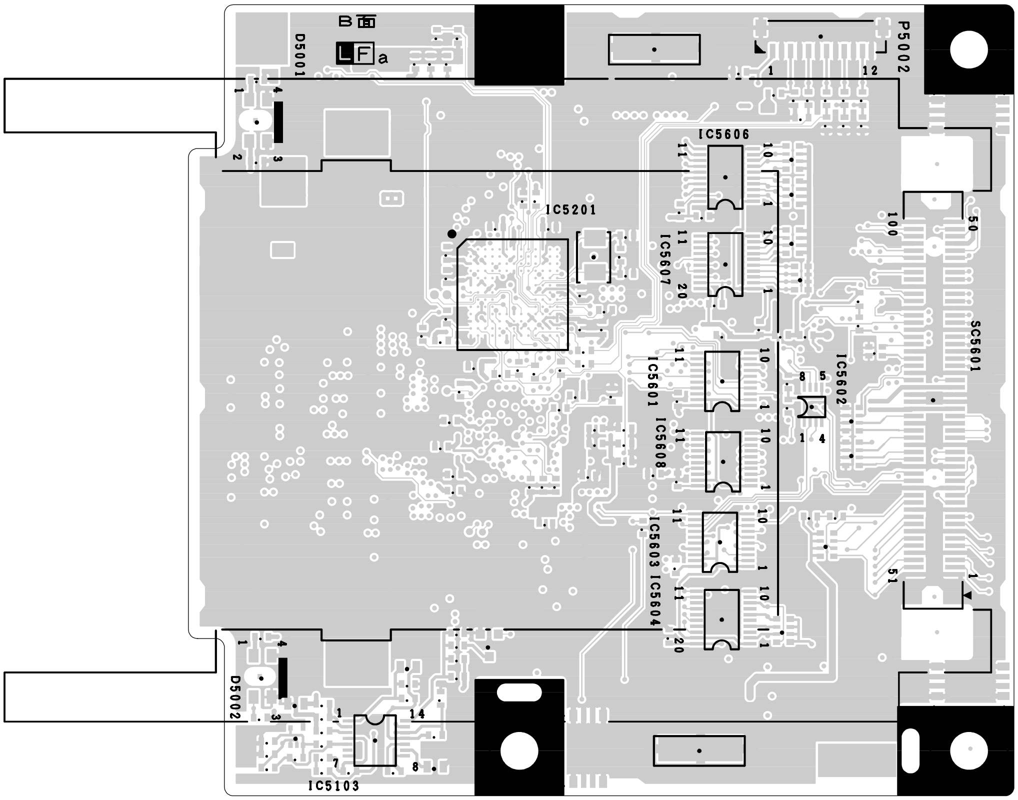
S5001
P5001
LUG5103
LUG5108
IC5003
IC5005
IC5004
LUG5107
SC5102
IC5102
L5102
IC5101
IC5001
IC5006
X5001
IC5605
C5123
LUG5104
LUG5105
L5103
D5101
Q5105
C5126

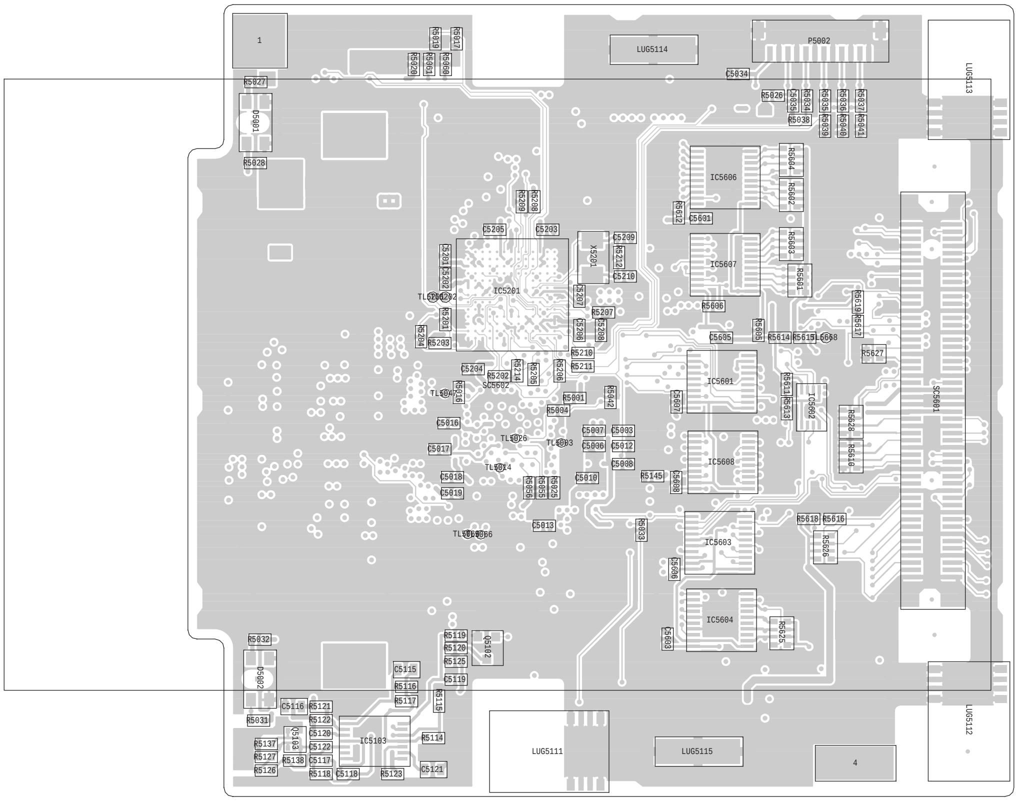
Chip Parts Side-A

1 2 3 4 5 6

PC CARD Unit


D5001
LFa
P5002
1
12
IC5606
IC5201
IC5607
IC5601
IC5602
IC5608
IC5603
IC5604
SC5601
100
50
51
1
D5002
IC5103
14
7
8

Side-B


LUG5114
P5002
LUG5113
C5034
D5001
R5027
R5028
IC5606
IC5607
IC5201
X5201
IC5601
IC5602
IC5608
IC5603
IC5604
SC5601
SC5602
D5002
R5032
R5031
Q5103
IC5103
Q5102
LUG5111
LUG5115
LUG5112

Chip Parts Side-B

H
G
F
E
D
C
B
A

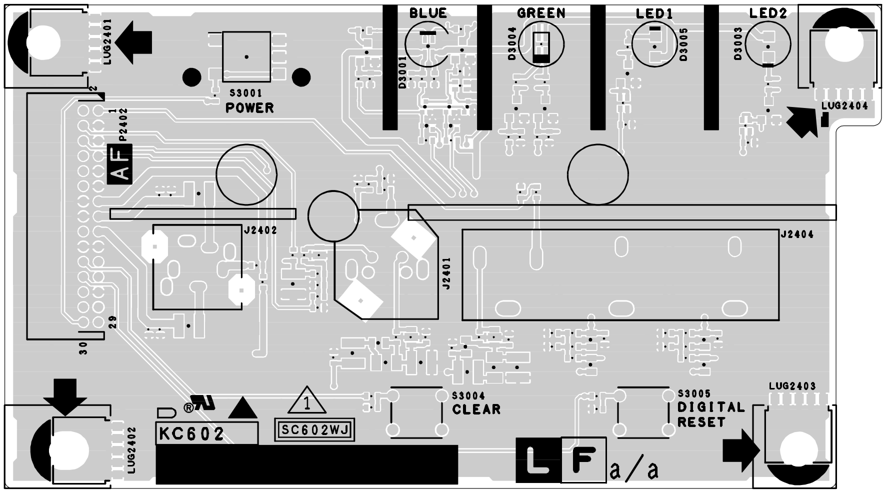
1 2 3 4 5 6

FRONT Unit

H

G

F


LUG2401
S3001
POWER
BLUE
GREEN
LED1
LED2
D3001
D3004
D3005
D3003
LUG2404
2
1
P2402
AF
J2402
J2401
J2404
29
30
S3004
CLEAR
S3005
DIGITAL
RESET
LUG2403
LUG2402
KC602
SC602WJ
1
L F a/a

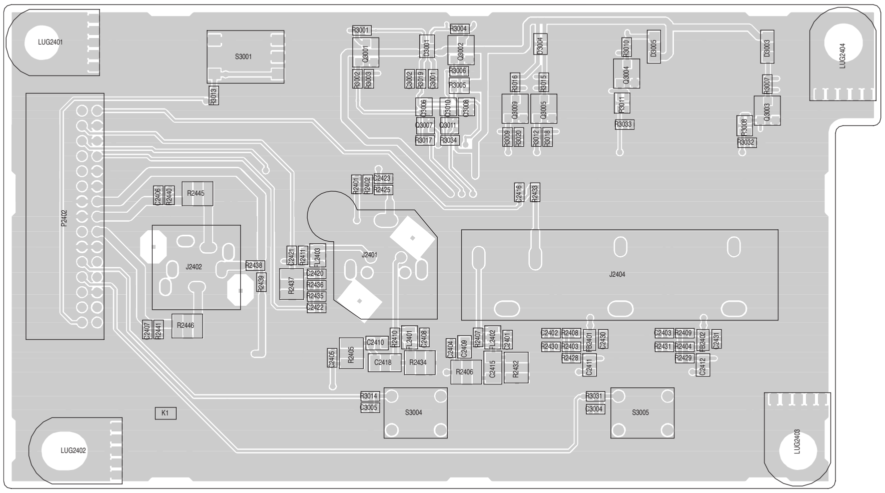
Component Side

E

D

C

B


LUG2401
S3001
R3013
R3001
Q3001
R3002
R3003
R3004
Q3002
R3006
R3005
C3002
R3019
C3001
C3006
C3010
C3008
Q3007
Q3011
R3017
R3034
C3004
R3016
R3015
Q3009
Q3005
R3008
R3020
R3012
R3018
R3010
Q3004
R3011
R3033
D3005
D3003
R3007
R3009
Q3003
R3032
LUG2404
P2402
R2445
J2402
R2438
R2439
R2446
J2401
J2404
R2437
C2423
C2425
C2416
R2433
R2405
C2410
C2418
R2434
R2406
C2415
R2432
C2402
R2408
R2430
R2403
R2428
C2403
R2409
R2431
R2404
R2429
R3014
C3005
S3004
R3031
C3004
S3005
K1
LUG2402
LUG2403
J2404

Chip Parts Side

A

1 2 3 4 5 6

AUDIO IF Unit

H

G

F

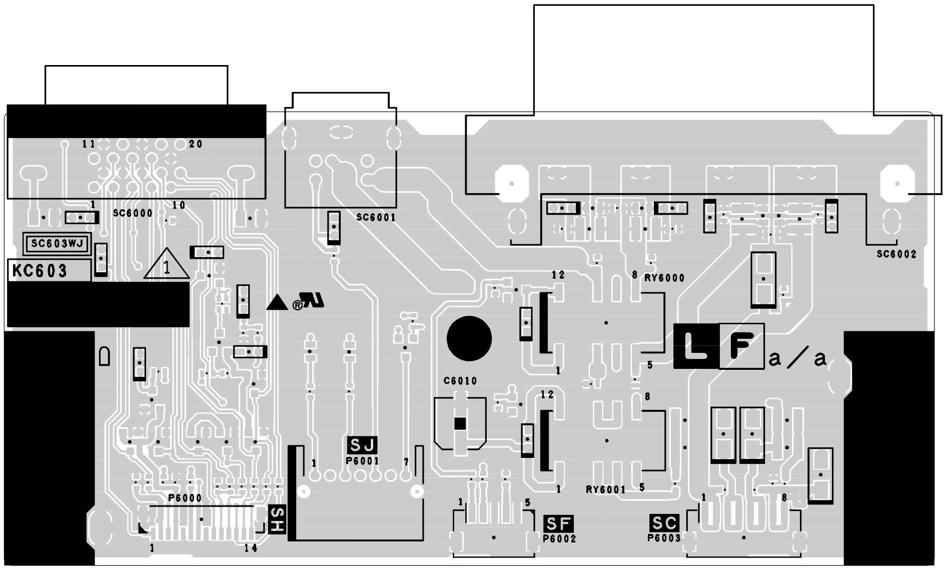
E

D

C

B

A


11
20
1
10
SC6000
SC6001
SC6002
SC603WJ
KC603
1
12
8
RY6000
1
5
C6010
12
8
LF
a／a
SJ
P6001
1
7
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P6000
SH
1
14
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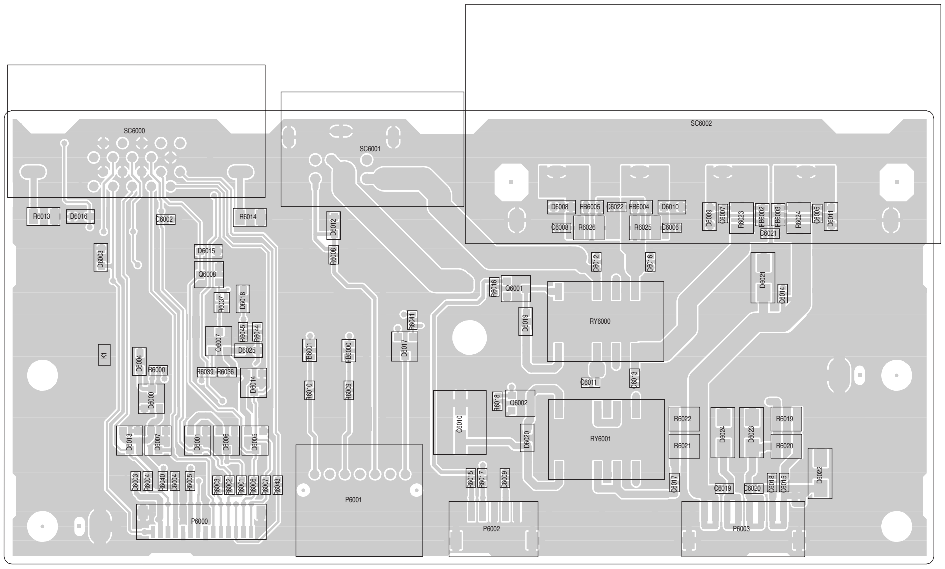
5
SF
P6002
SC
P6003
1
8

Component Side


SC6000
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SC6002
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R6008
D6008
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C6022
FB6004
D6010
C6008
R6026
R6025
C6006
C6009
C6007
R6023
FB6002
FB6003
R6024
C6005
D6011
C6021
D6015
Q6008
D6003
C6012
C6016
R6016
Q6001
D6021
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R6037
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Q6007
D6025
K1
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R6000
R6039
R6038
D6014
FB6001
FB6000
D6017
R6041
C6011
C6013
R6010
R6009
R6018
Q6002
C6010
D6020
RY6001
R6022
R6021
D6024
D6023
R6019
R6020
C6022
C6017
C6019
C6020
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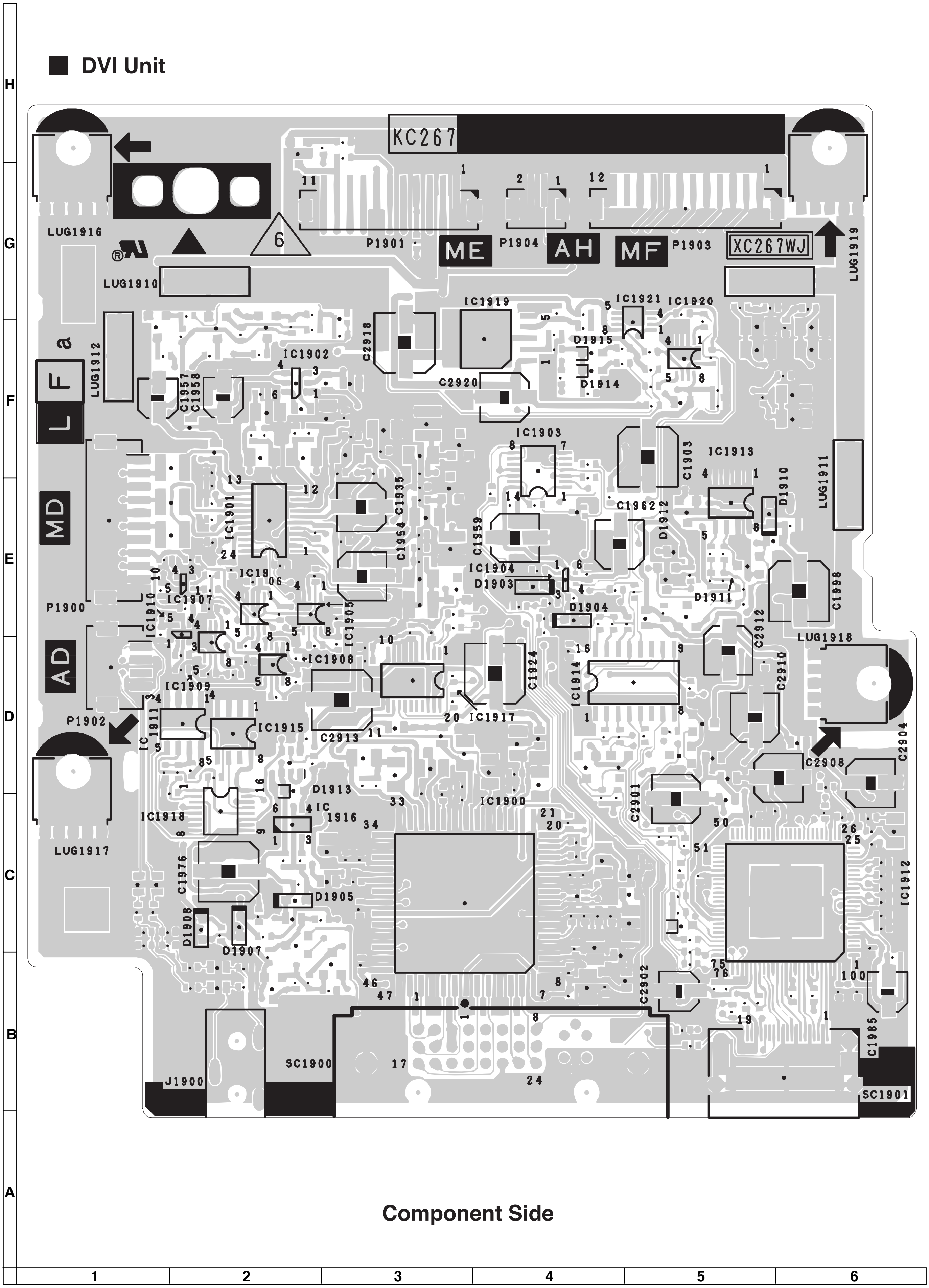
R6017
C6009
P6000
P6001
P6002
P6003

Chip Parts Side

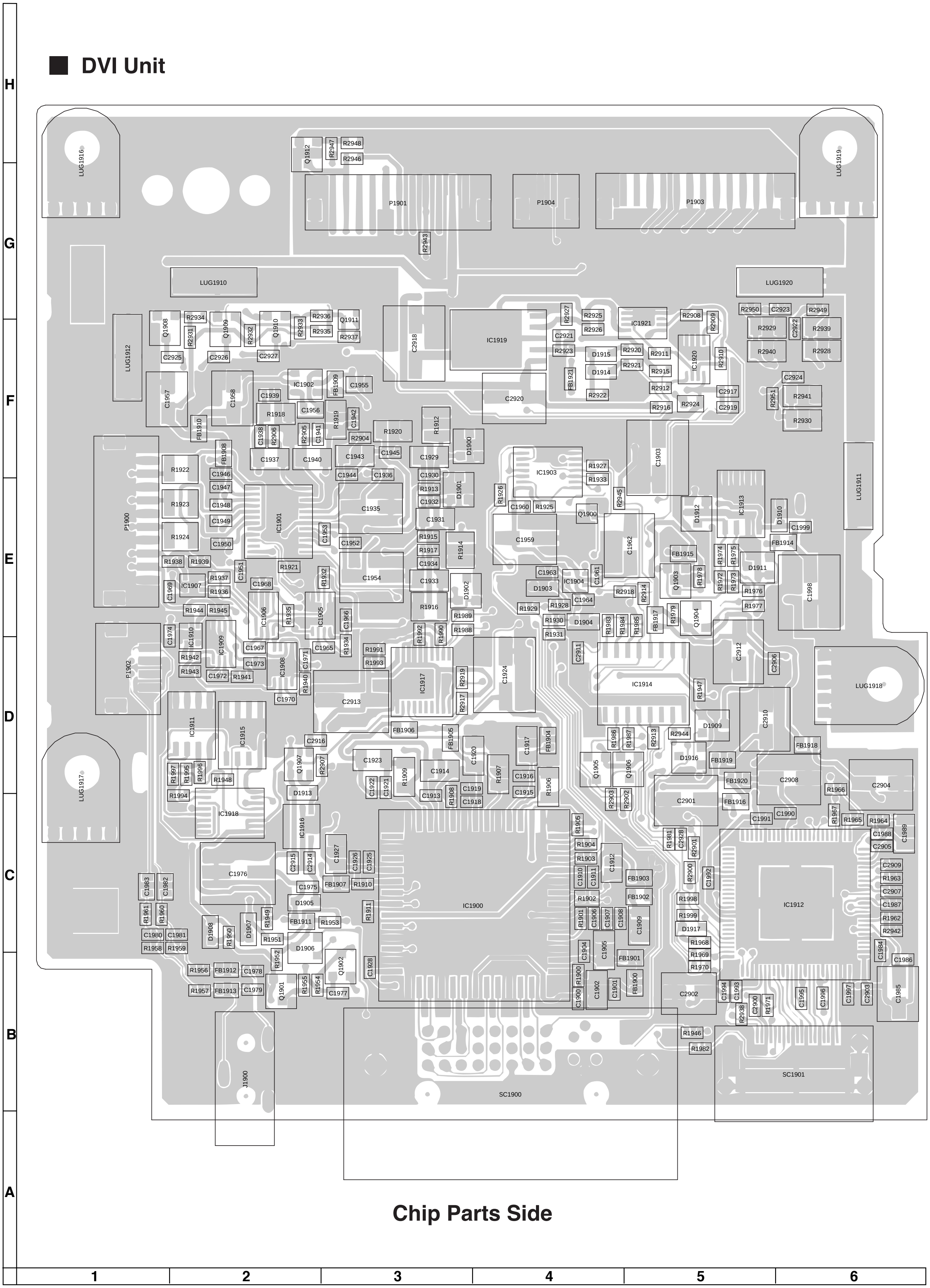
1 2 3 4 5 6

DVI Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
KC267
XC267WJ
P1901
P1904
P1903
ME
AH
MF
LUG1916
LUG1910
LUG1912
LUG1919
LUG1911
LUG1918
LUG1917
IC1919
IC1921
IC1920
IC1902
IC1903
IC1913
IC1901
IC1904
IC1906
IC1907
IC1910
IC1908
IC1909
IC1911
IC1915
IC1917
IC1914
IC1900
IC1916
IC1918
IC1912
IC1905
D1915
D1914
D1910
D1912
D1903
D1904
D1911
D1913
D1905
D1908
D1907
C2918
C2920
C1957
C1958
C1935
C1954
C1959
C1903
C1962
C1998
C2912
C2910
C2904
C2908
C2901
C1924
C2913
C1976
C2902
C1985
P1900
P1902
J1900
SC1900
SC1901
MD
AD
L
F
a

Component Side

■ DVI Unit


H
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D
C
B
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1
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6
P1901
P1904
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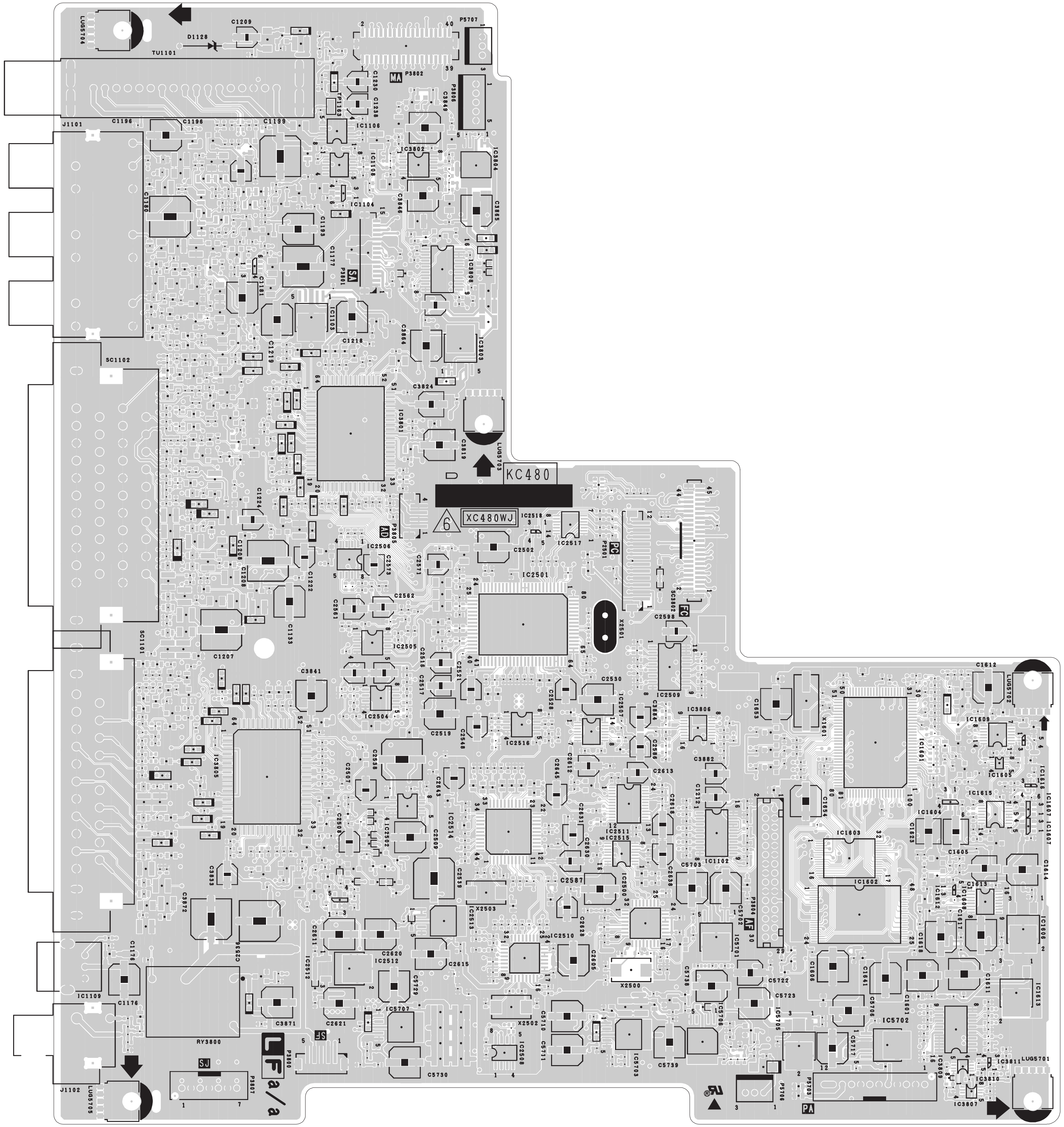
IC1912
IC1914
SC1900
SC1901
J1900
LUG1916
LUG1919
LUG1917
LUG1918

Chip Parts Side

■ AV Unit


H
G
F
E
D
C
B
A
KC480
XC480WJ
IC2501
IC3801
IC1601
IC1602
IC1603
X2501
X2500
TU1101
J1101
J1102
SC1101
SC1102
RY3800
P5707
P3802
LUG5701
LUG5702
LUG5703
LUG5704
LUG5705
LF
a/a
1
2
3
4
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6
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8
9
10
11
12
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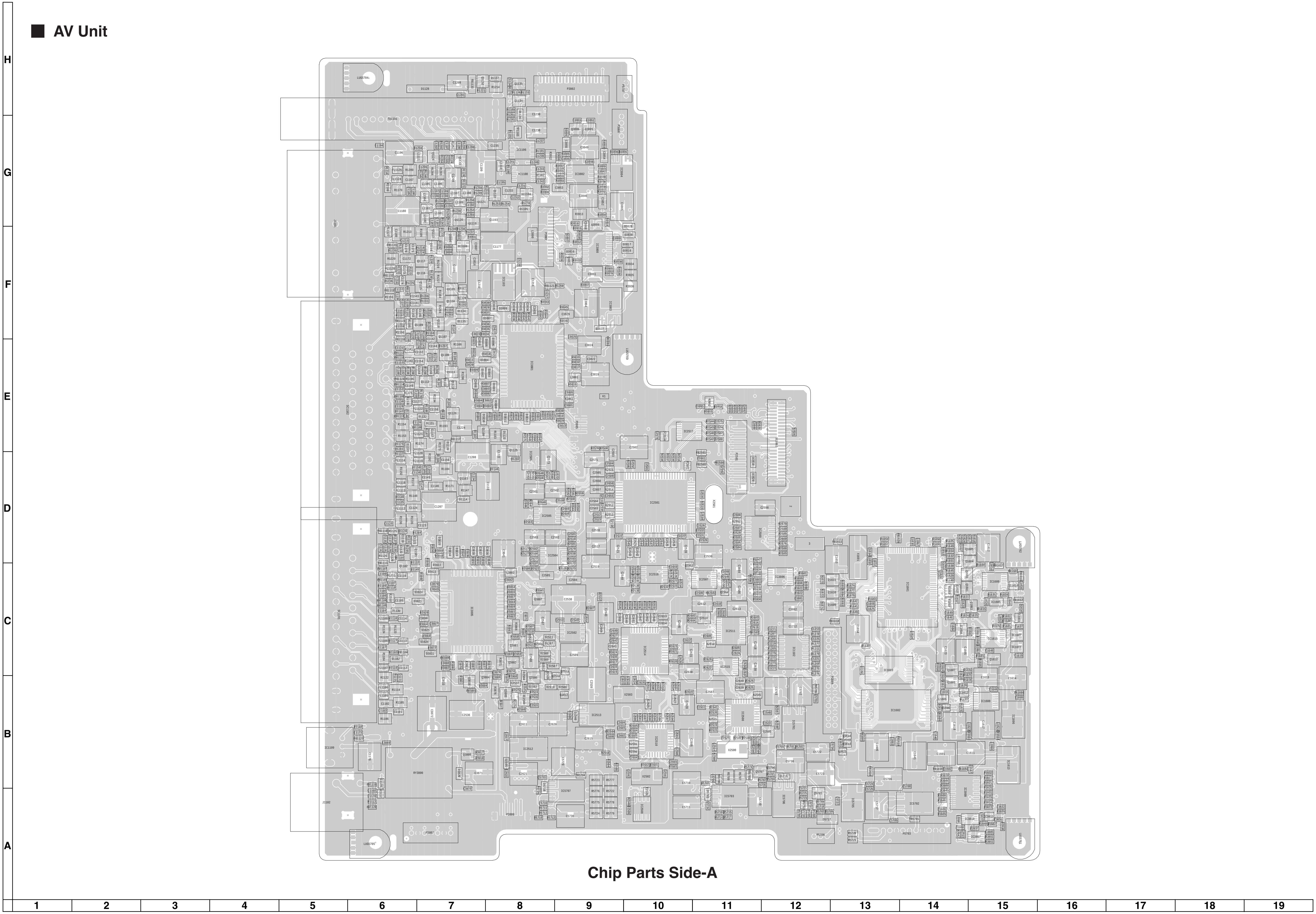
15
16
17
18
19

Side-A

■ AV Unit


H
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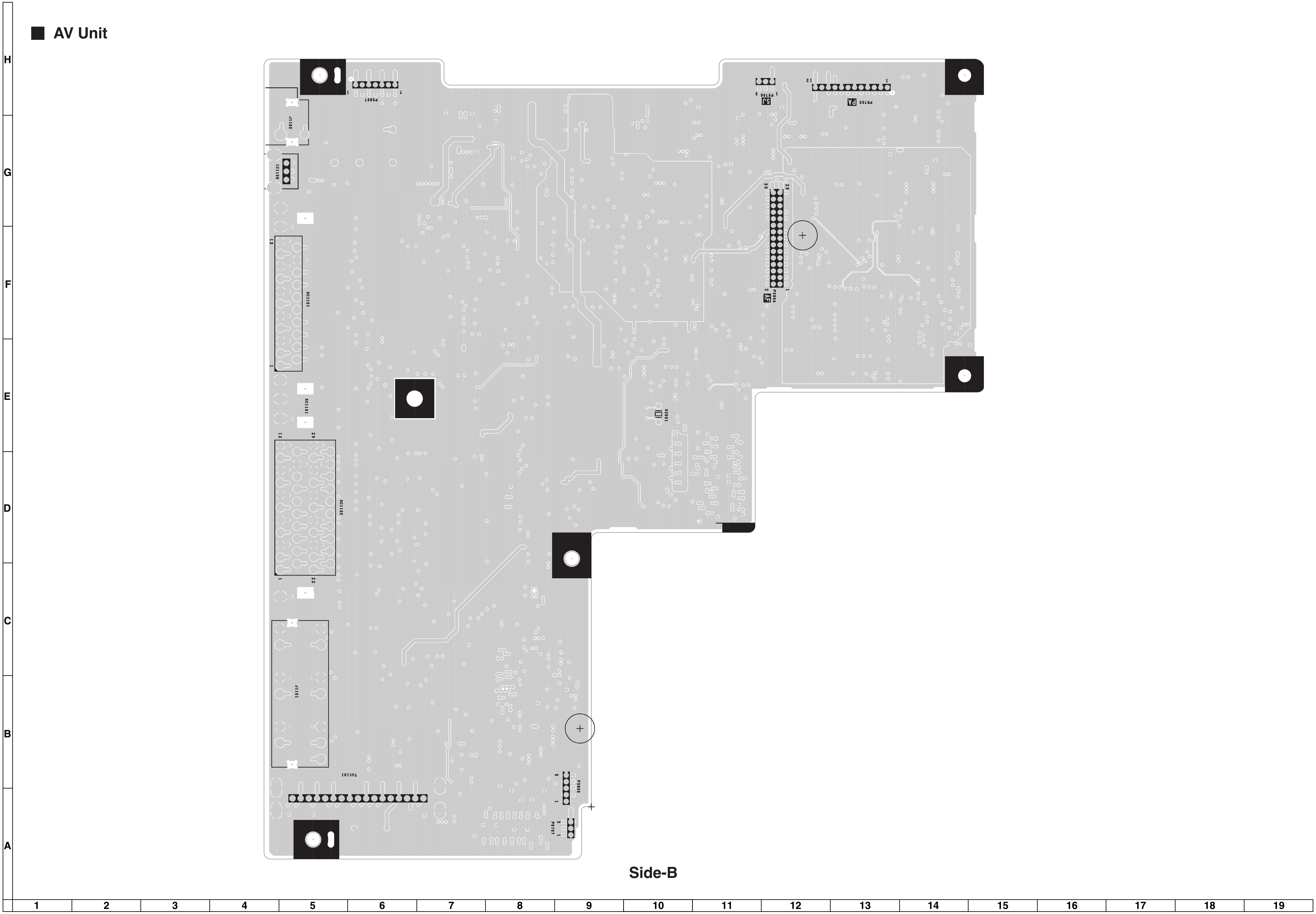
Chip Parts Side-A

AV Unit


H
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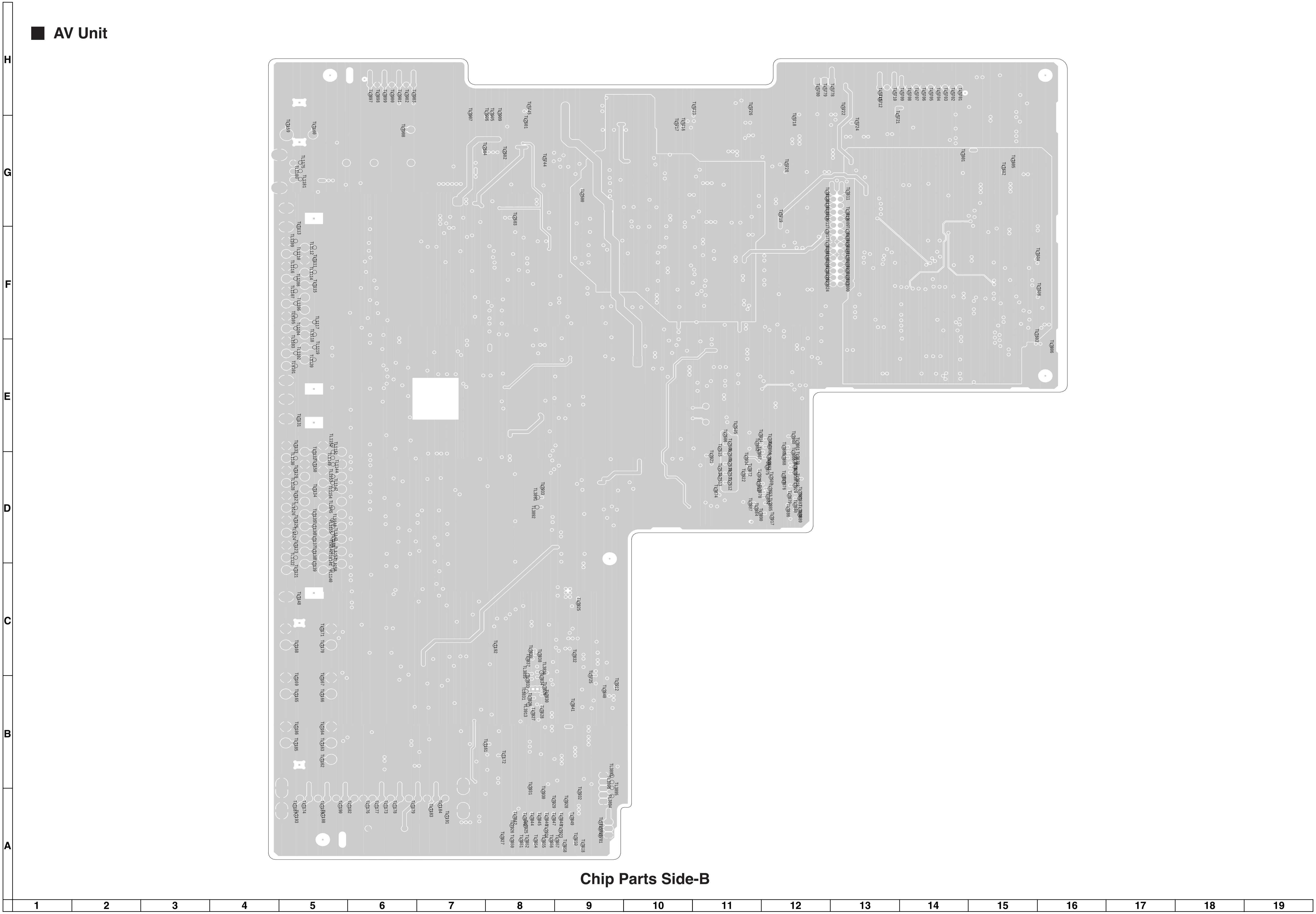
16
17
18
19
P3807
J1102
SC1101
SC1102
J1101
TU1101
P3806
P5707
P5706
P5703
P5504
X2501

Side-B

AV Unit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G
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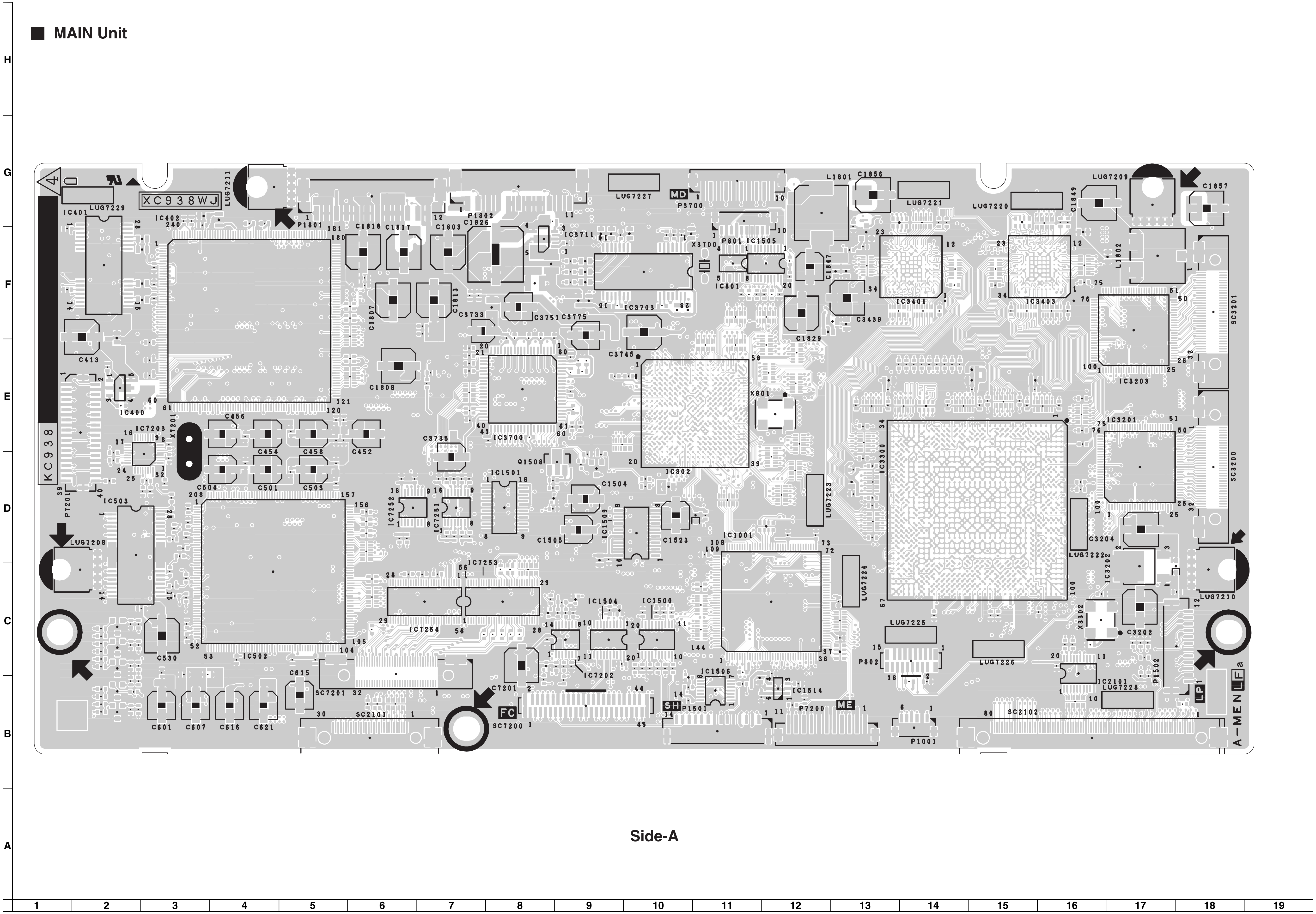
Chip Parts Side-B

■ MAIN Unit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D
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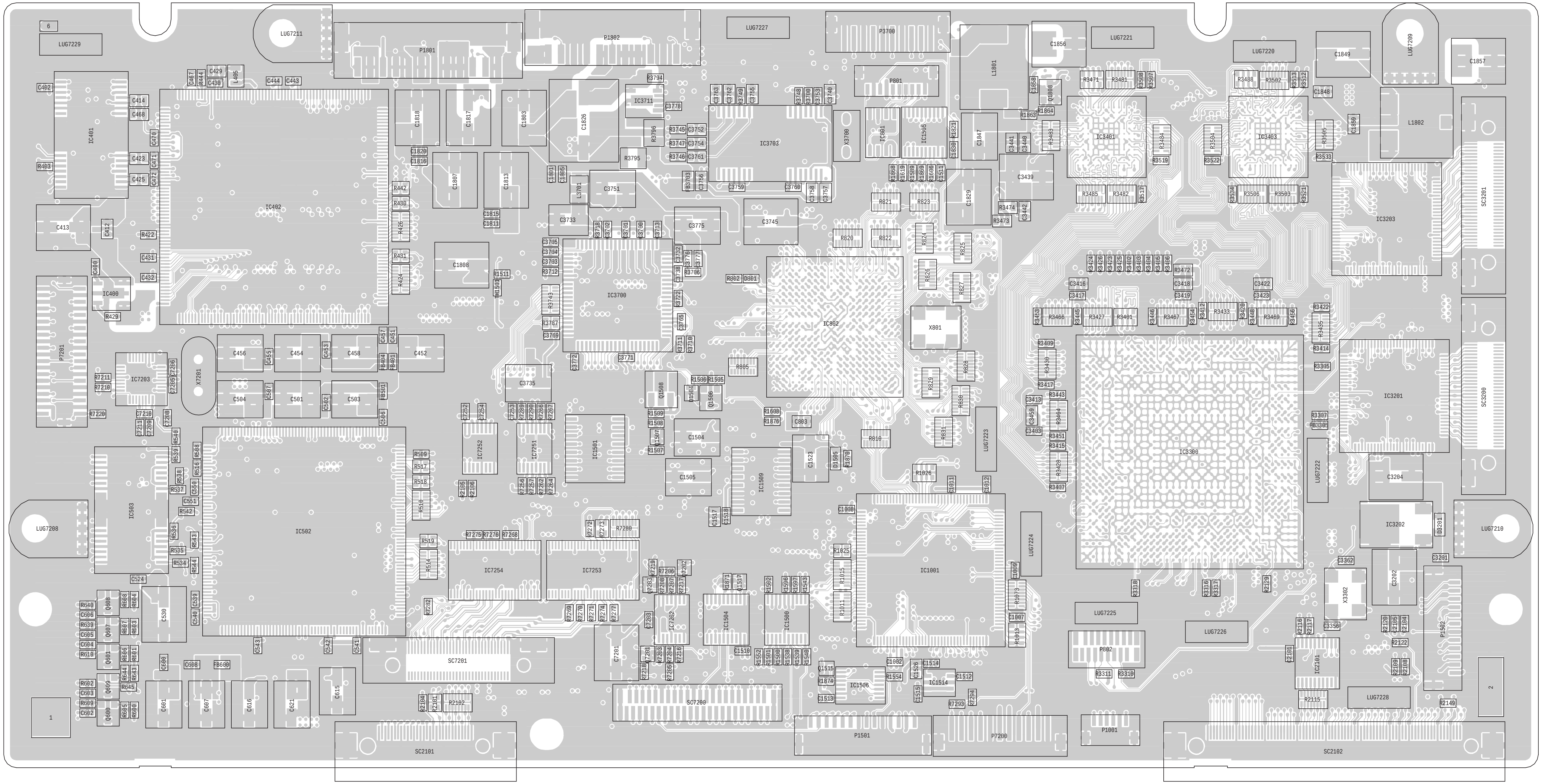
XC938WJ
KC938
IC401
LUG7229
IC402
LUG7211
P1801
P1802
C1818
C1817
C1803
C1826
IC3711
LUG7227
MD
P3700
X3700
P801
IC1505
IC801
IC3703
L1801
C1856
LUG7221
LUG7220
C1849
LUG7209
C1857
C1847
C1829
C3439
IC3401
IC3403
L1802
SC3201
C413
C1807
C1813
C3733
C3751
C3775
C3745
IC3700
C1808
IC400
IC7203
X7201
C456
C454
C458
C452
C504
C501
C503
C3735
Q1508
IC1501
IC802
X801
IC3203
IC3201
IC3300
SC3200
P7201
IC503
LUG7208
IC7252
IC7251
C1504
C1505
C1509
C1523
IC1001
LUG7223
LUG7224
C3204
LUG7222
IC3202
LUG7210
X3302
C3202
IC7253
IC7254
IC1504
IC1500
IC502
C530
C615
SC7201
IC7202
C7201
FC
SC7200
SC2101
IC1506
SH
P1501
IC1514
P7200
ME
P802
LUG7225
LUG7226
P1001
IC2101
LUG7228
SC2102
P1502
C601
C607
C616
C621
LP
A—MEN LF a

Side-A

■ MAIN Unit


H
G
F
E
D
C
B
A
1
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12
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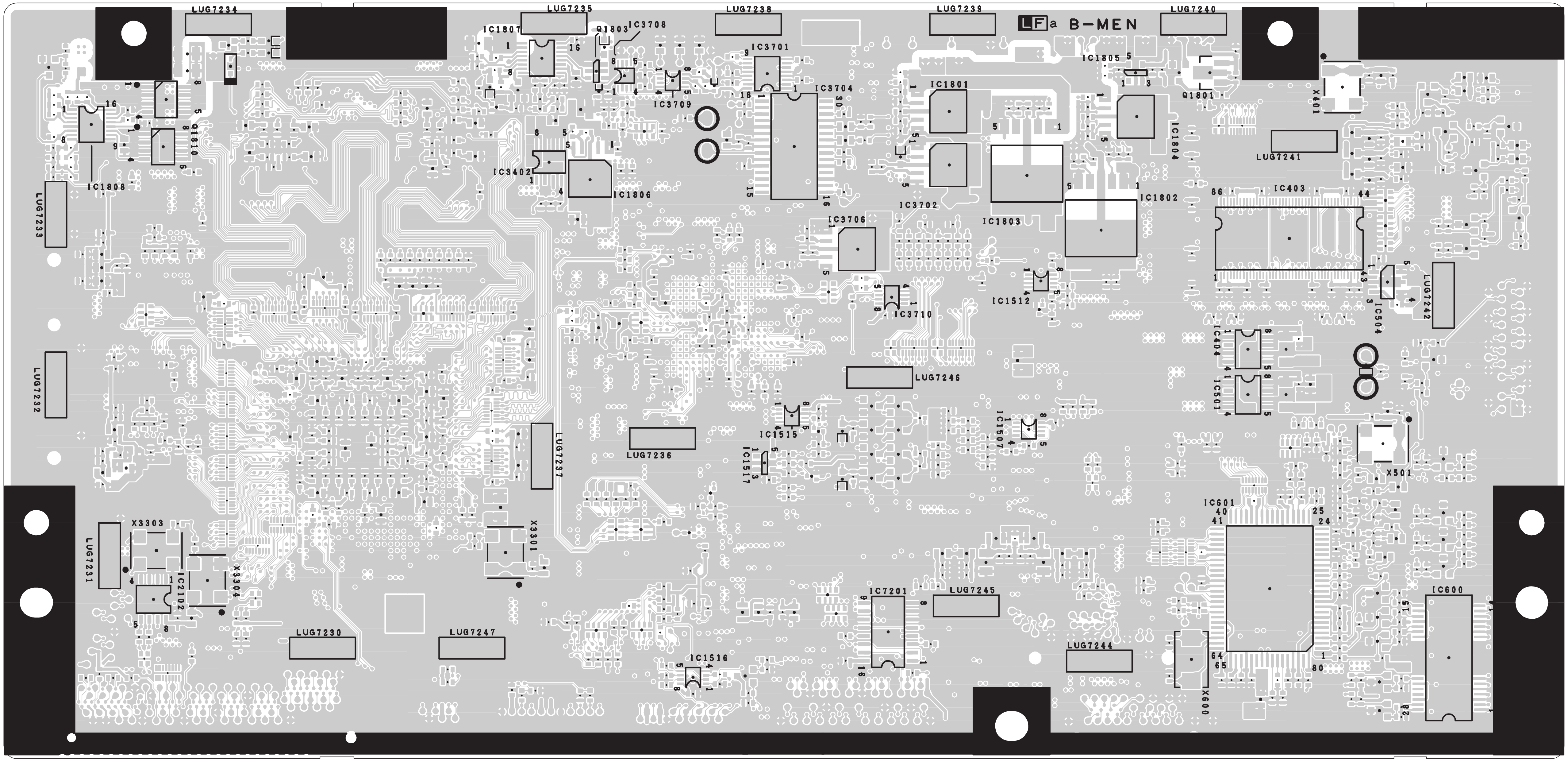
14
15
16
17
18
19
LUG7229
LUG7211
P1801
P1802
LUG7227
P3700
C1856
LUG7221
LUG7220
C1849
LUG7209
C1857
IC401
IC402
IC400
P7201
IC7203
X7201
IC503
IC502
LUG7208
C1810
C1817
C1803
C1826
IC3711
IC3703
X3700
IC801
IC1505
L1801
P801
IC3401
IC3403
L1802
IC3203
SC3201
C1807
C1813
C1808
IC3700
C3751
C3733
C3775
C3745
IC802
X801
C3439
C3735
IC7252
IC7251
IC1501
C1504
C1505
IC1509
LUG7223
IC3300
IC3201
SC3200
LUG7222
C3204
IC3202
LUG7210
IC7254
IC7253
IC1001
LUG7224
X3302
C3202
P1502
LUG7225
LUG7226
P802
IC7202
IC1504
IC1500
IC1506
IC1514
IC2101
LUG7228
SC7201
C7201
SC7200
P1501
P7200
P1001
SC2101
SC2102
1
2
6

Chip Parts Side-A

■ MAIN Unit


H
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11
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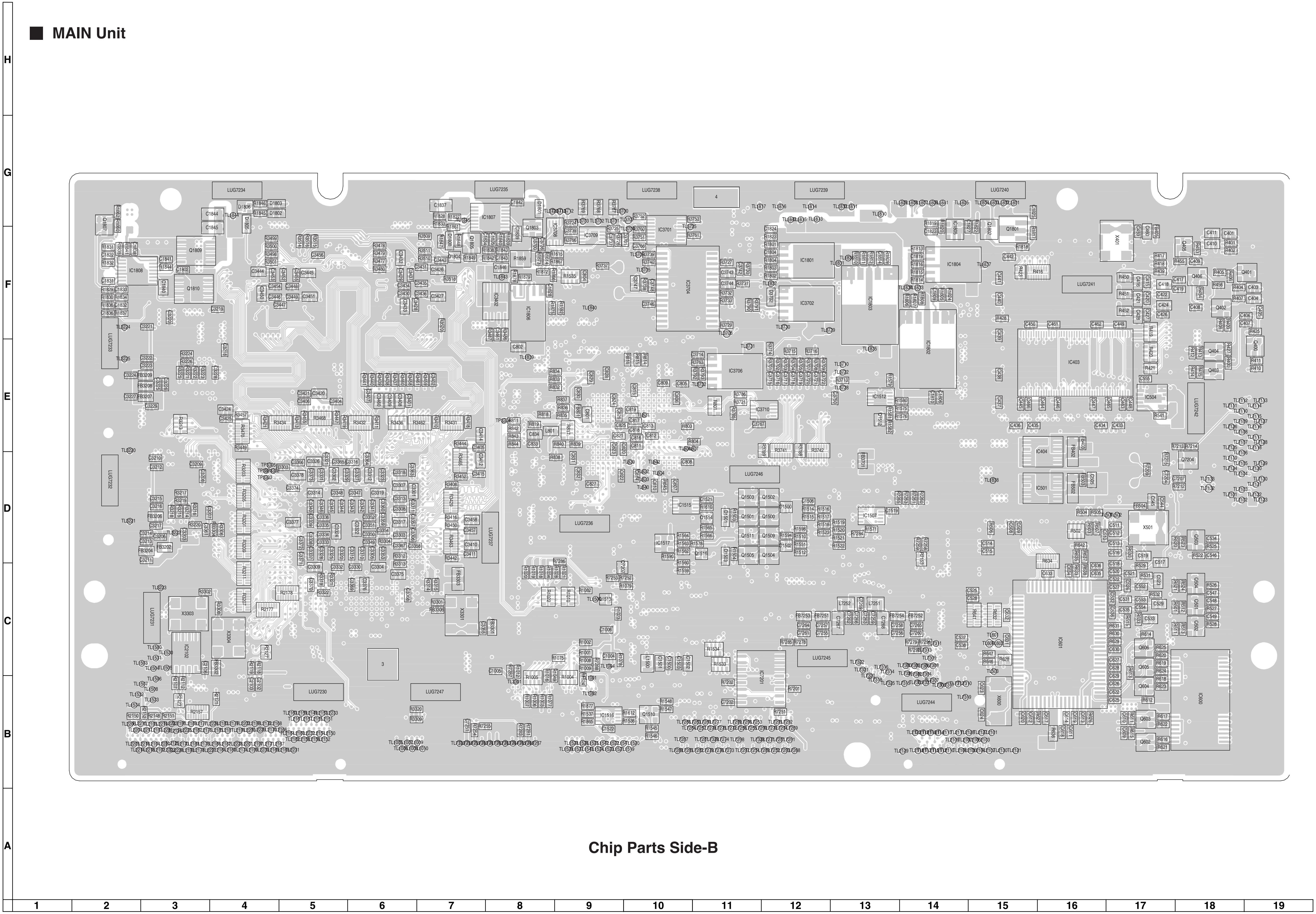
14
15
16
17
18
19
LUG7234
LUG7235
LUG7238
LUG7239
LF a B-MEN
LUG7240
IC1807
Q1803
IC3708
IC3701
IC3704
IC3709
IC1801
IC1805
Q1801
X401
IC1804
LUG7241
IC1808
Q1810
IC3402
IC1806
IC3702
IC1803
IC1802
IC403
LUG7233
IC3706
IC3710
IC1512
IC504
LUG7242
IC404
IC501
LUG7246
LUG7232
LUG7237
LUG7236
IC1515
IC1517
IC1507
X501
X3303
X3301
IC601
LUG7231
IC2102
X3304
IC7201
LUG7245
IC600
LUG7230
LUG7247
IC1516
LUG7244
X600

Side-B

■ MAIN Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
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7
8
9
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11
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14
15
16
17
18
19
LUG7234
LUG7235
LUG7238
LUG7239
LUG7240
LUG7241
LUG7233
LUG7232
LUG7231
LUG7230
LUG7247
LUG7237
LUG7236
LUG7246
LUG7245
LUG7244
LUG7242
IC1808
IC1807
IC1806
IC3402
IC3701
IC3704
IC3709
IC3706
IC3710
IC3702
IC1801
IC1803
IC1802
IC1804
IC1512
IC1515
IC1517
IC1507
IC1516
IC1501
IC2102
IC7201
IC403
IC404
IC501
IC504
IC601
IC800
X3303
X3304
X3301
X401
X501
X800
Q1809
Q1810
Q1801
Q1803
3
4

Chip Parts Side-B

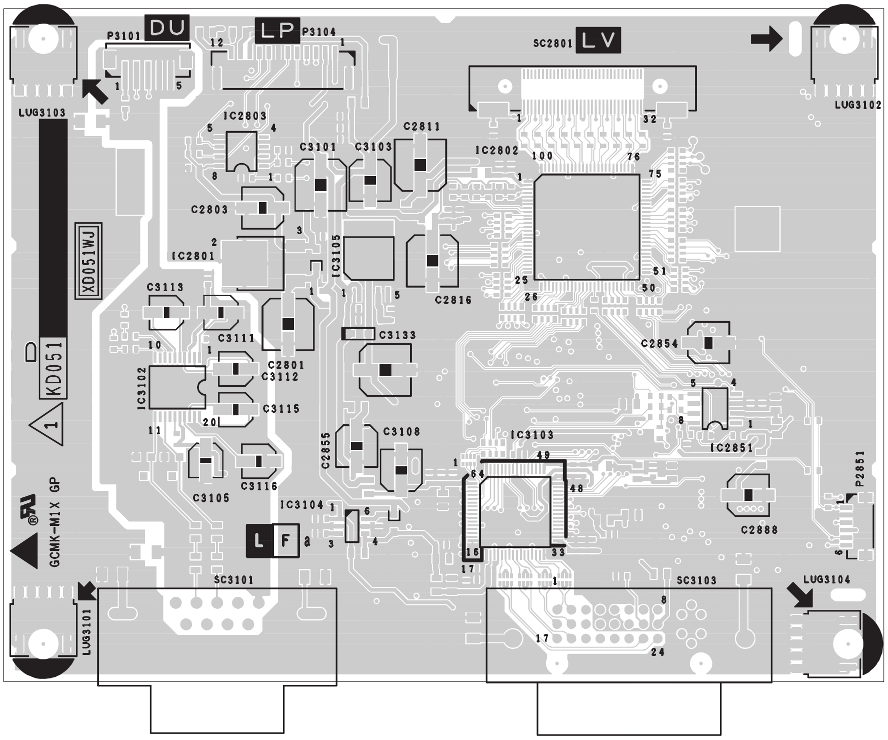
TMDS-TX Unit

H

G

F

E


P3101
DU
LP
P3104
SC2801
LV
LUG3103
LUG3102
IC2803
C2811
C3101
C3103
IC2802
C2803
IC2801
IC3105
XD051WJ
C2816
C3113
C3111
C3133
KD051
C2801
C3112
C2854
IC3102
C3115
IC2851
C3108
IC3103
C2855
P2851
C3116
C3105
IC3104
C2888
GCMK-M1X GP
L
F
SC3101
SC3103
LUG3104
LUG3101

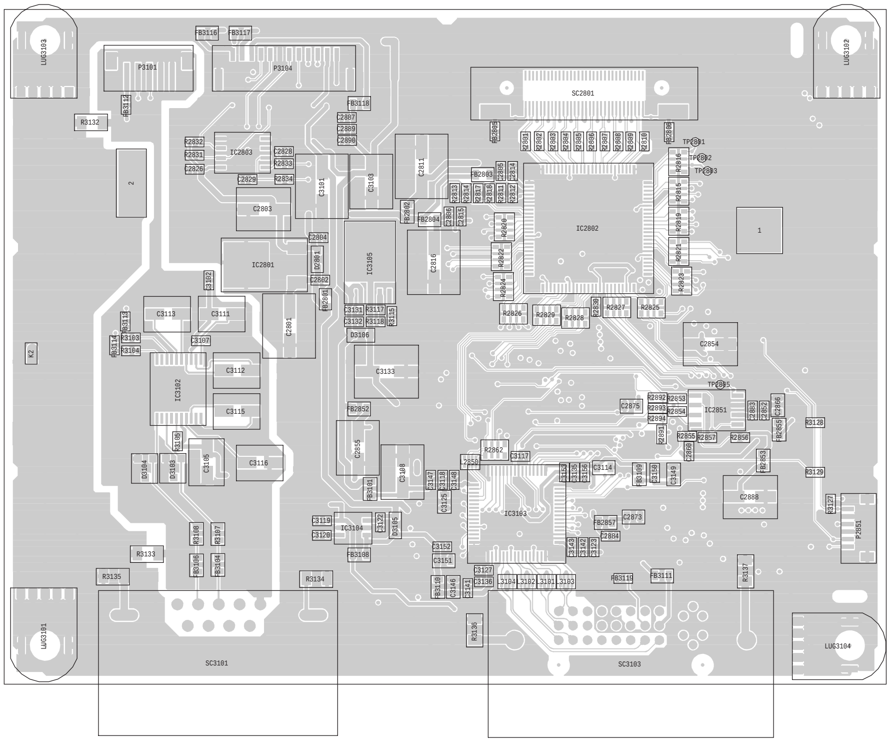
Side-A

D

C

B

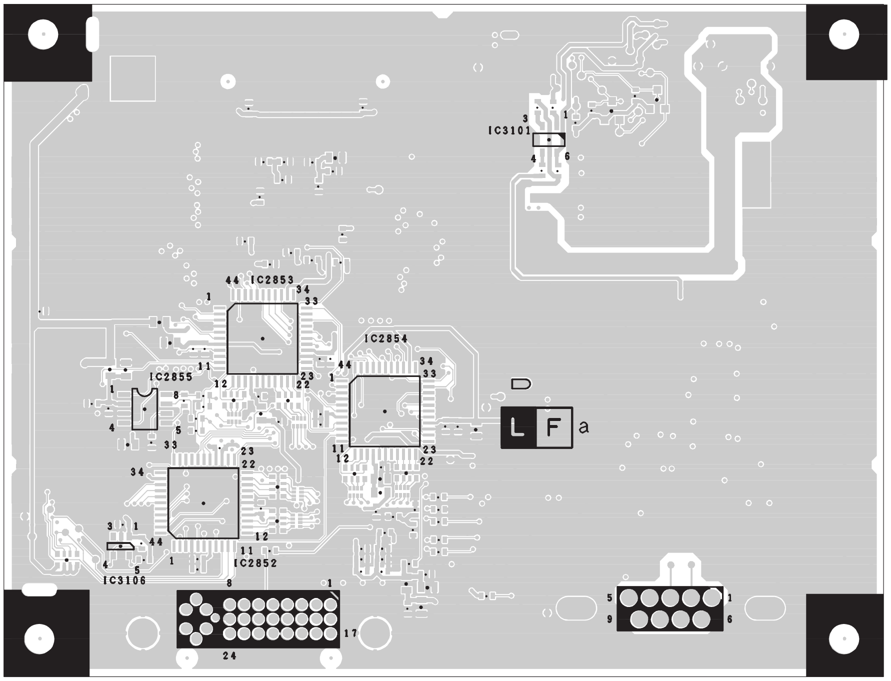
A


LUG3103
P3101
P3104
SC2801
LUG3102
R3132
IC2803
C2811
C3101
C3103
IC2802
C2803
IC2801
IC3105
C2816
C3113
C3111
C2801
C3133
C2854
IC3102
C3112
C3115
IC2851
C3105
C3116
C2855
C3108
IC3103
C2888
IC3104
P2851
R3133
R3135
R3134
R3136
LUG3101
SC3101
SC3103
LUG3104

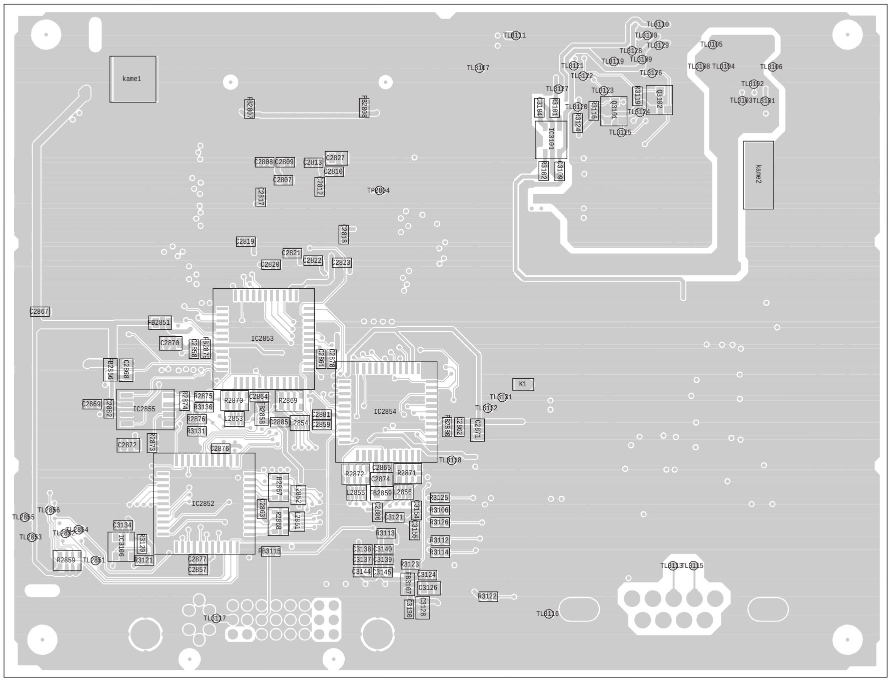
Chip Parts Side-A

1 2 3 4 5 6

TMDS-TX Unit

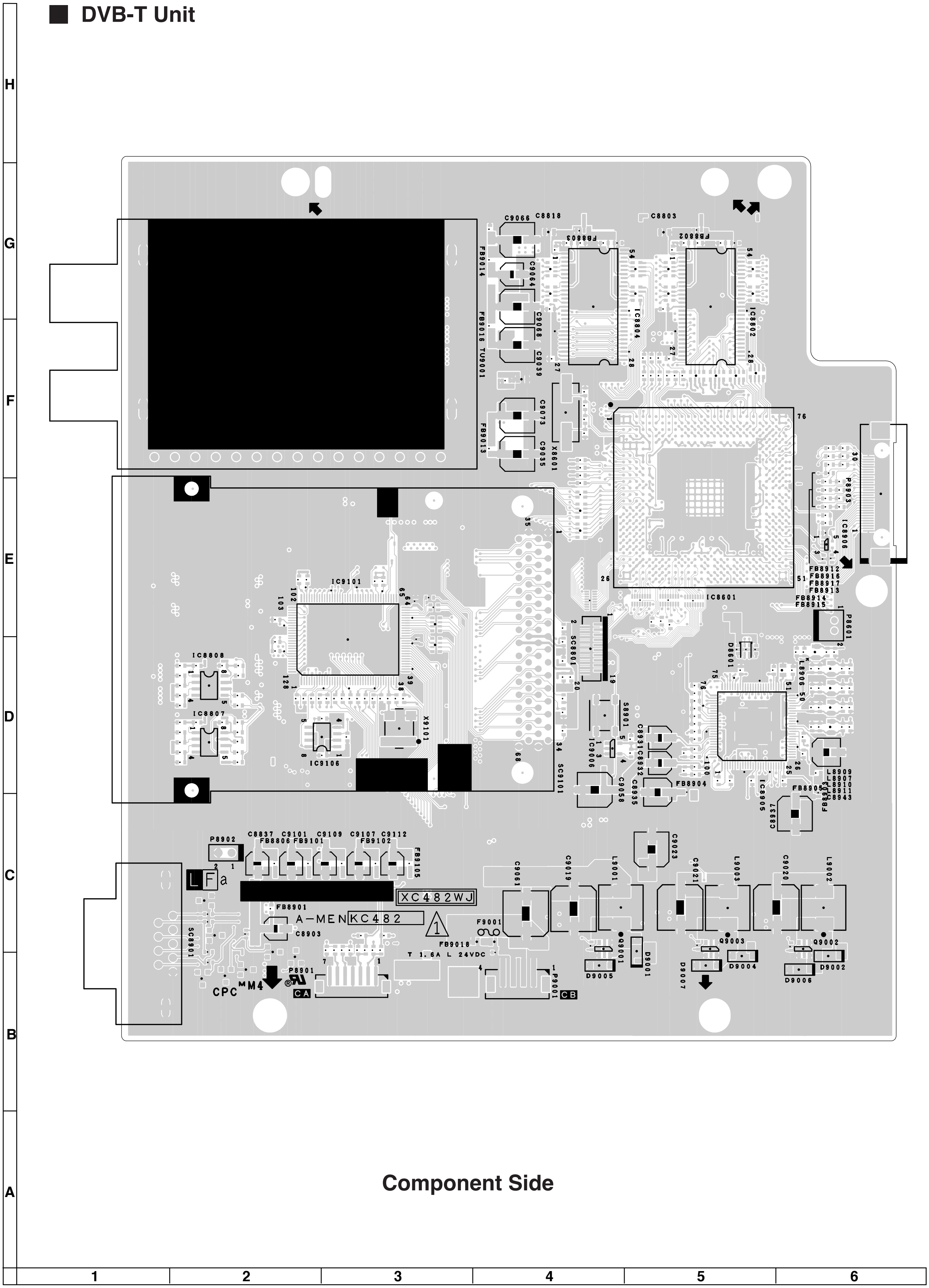

IC3101
IC2853
IC2854
IC2855
IC2852
IC3106
L F
a

Side-B


kame1
kame2
IC2853
IC2854
IC2855
IC2852
IC3101
K1

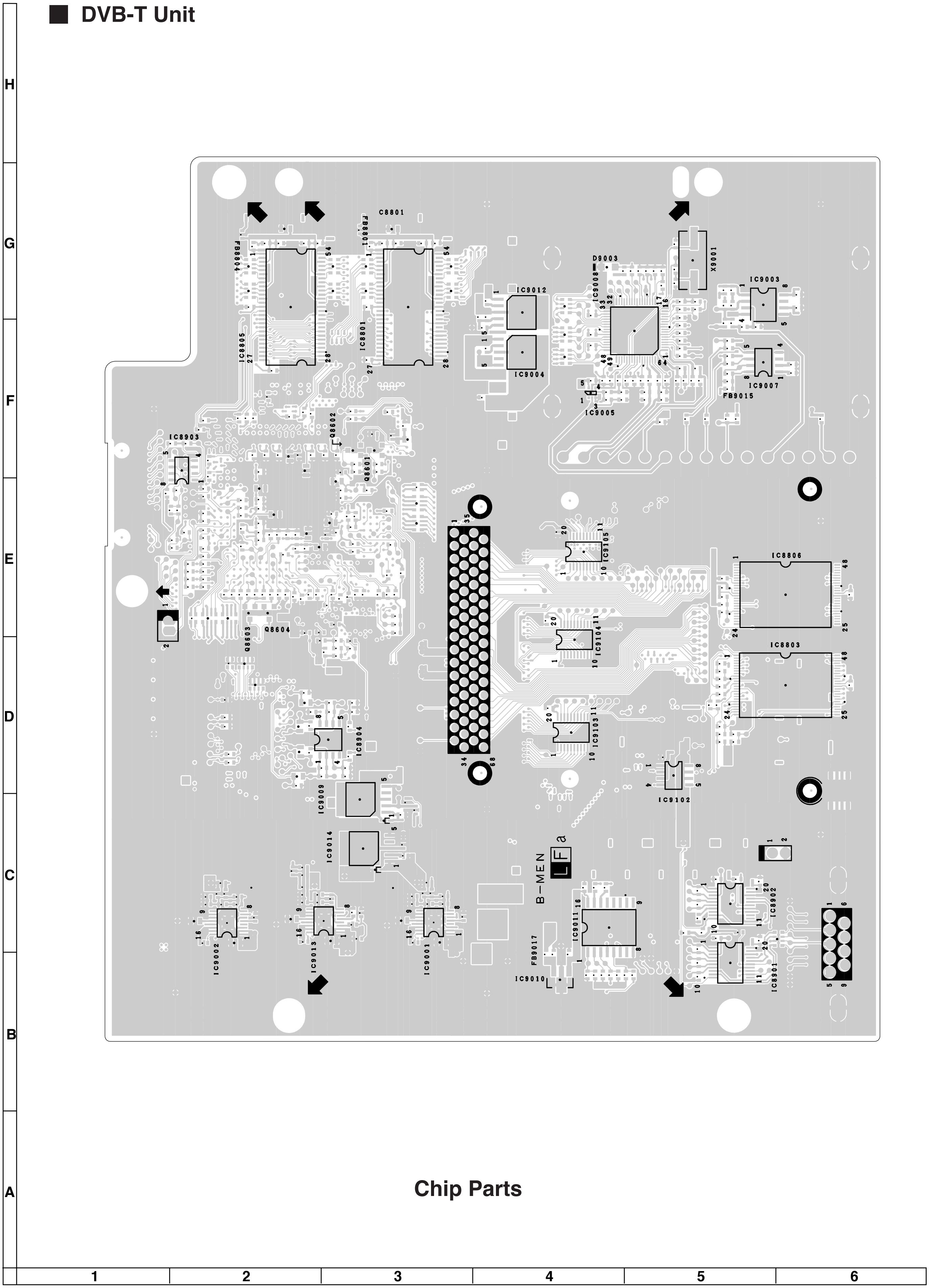
Chip Parts Side-B

DVB-T Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
IC9101
IC8601
IC8602
IC8604
IC8605
IC8606
IC8807
IC8808
IC9106
IC9006
TU9001
X8601
X9101
SC8801
SC9101
SC8901
P8601
P8603
P8901
P8902
P9001
F9001
T 1.6A L 24VDC
XC482WJ
KC482
A-MEN
CPC
CA
CB
Q9001
Q9002
Q9003
D9001
D9002
D9004
D9005
D9006
D9007
D8601
L9001
L9002
L9003
S8901
FB8904
FB8905
FB8906
FB8901
FB9101
FB9102
FB9105
FB9013
FB9014
FB9016
FB9018
FB8802
FB8803
C8803
C8818
C9066
C9064
C9068
C9039
C9073
C9035
C9058
C9023
C9061
C9019
C9021
C9020
C8903
C8837
C9101
C9109
C9107
C9112
C8935
C8837

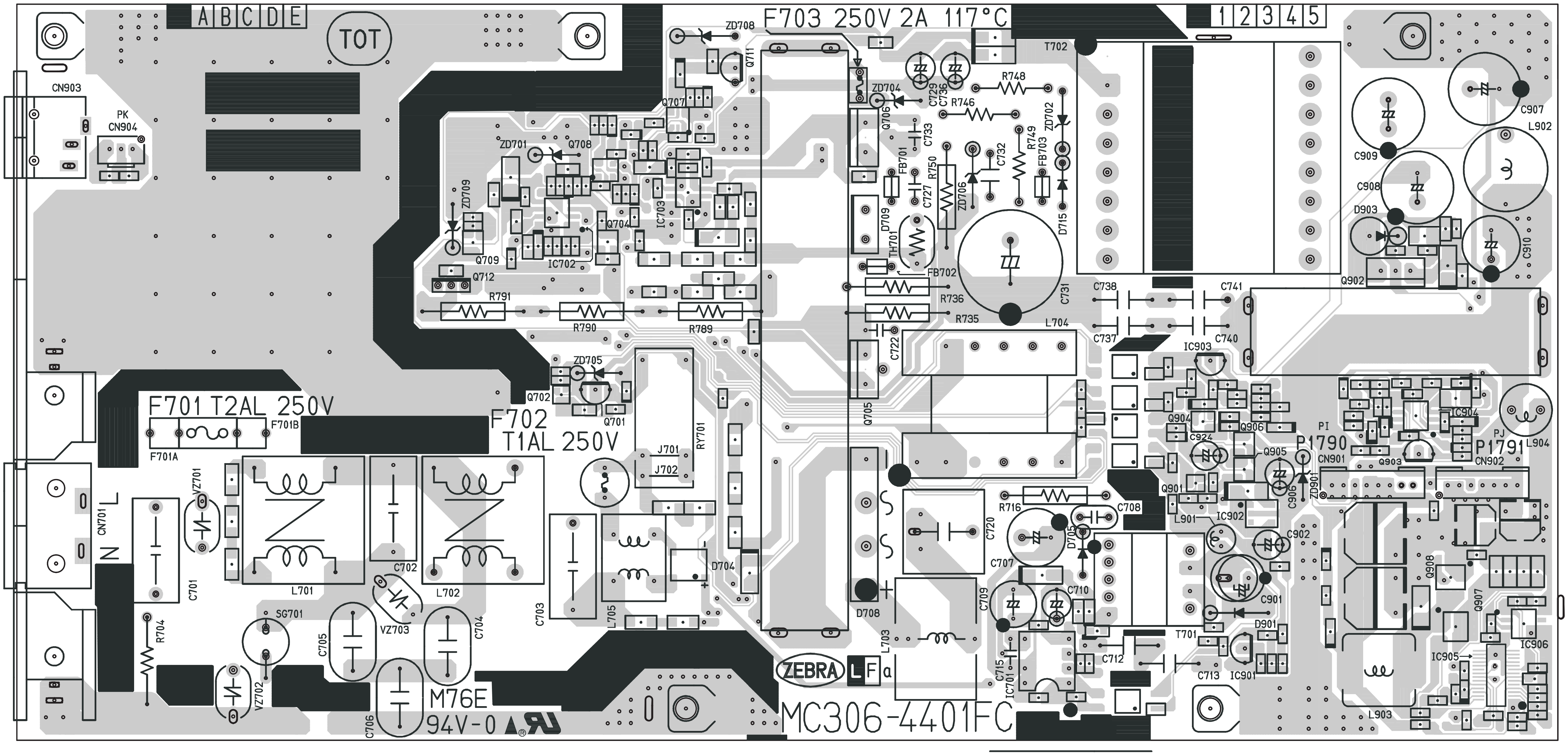
Component Side

DVB-T Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
C8801
FB8801
FB8804
IC8805
IC8801
D9003
X9001
IC9003
IC9012
IC9008
IC9004
IC9007
FB9015
IC9005
IC8903
Q8602
Q8601
IC9105
IC8806
IC9104
IC8803
Q8603
Q8604
IC8904
IC9103
IC9102
IC9009
IC9014
B-MEN
IC9011
IC8902
IC8901
IC9002
IC9013
IC9001
FB9017
IC9010

Chip Parts

■ POWER SUPPLY Unit


H
G
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D
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B
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10
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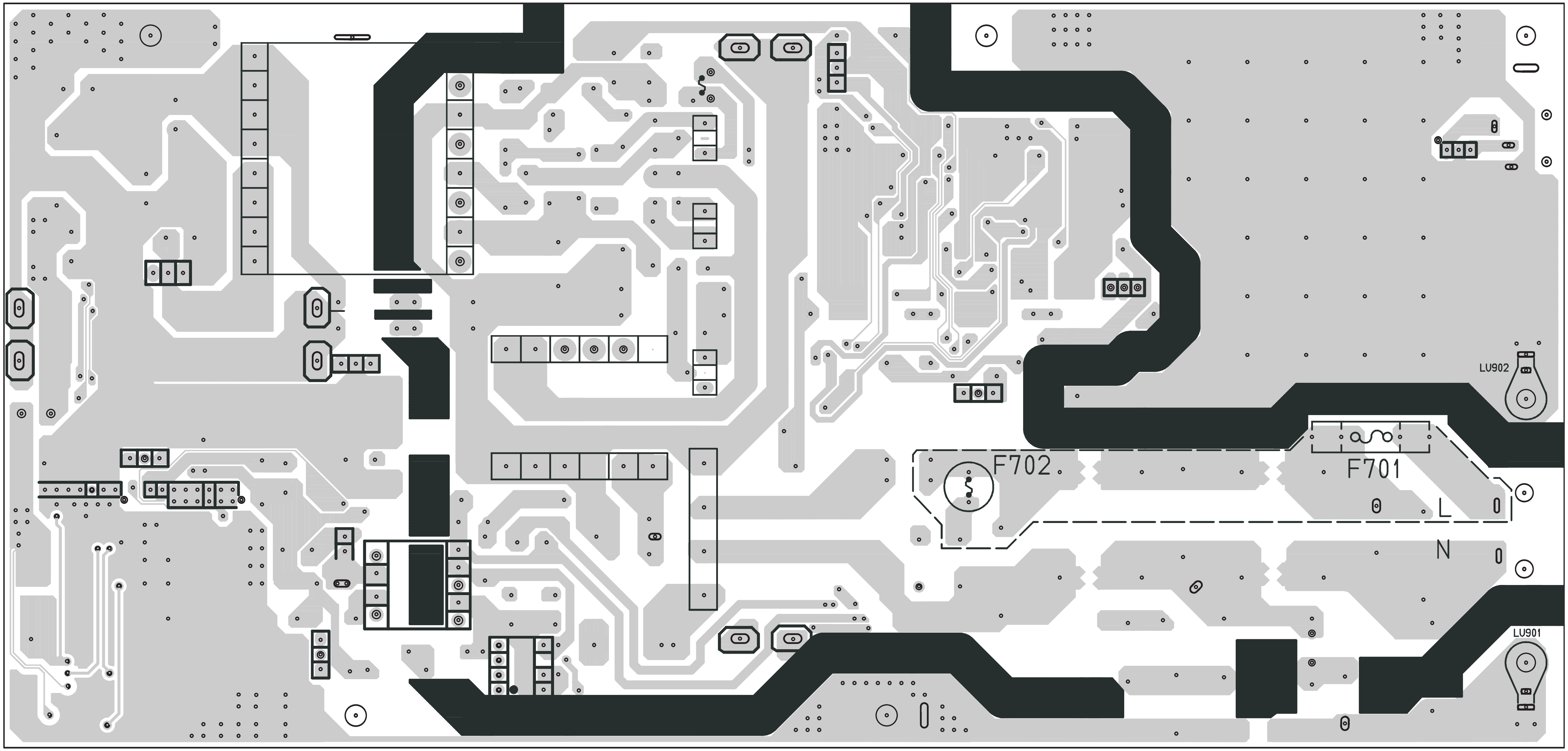
12
13
14
15
16
17
18
19
A B C D E
TOT
F703 250V 2A 117°C
1 2 3 4 5
ZD708
Q711
Q707
ZD704
Q706
C729
C736
R748
R746
C733
ZD702
R749
FB703
FB701
R750
C732
C727
ZD706
D715
D709
TH701
FB702
T702
C907
L902
C909
C908
D903
C910
Q902
CN903
PK
CN904
ZD701
Q708
ZD709
Q704
IC703
Q709
Q712
IC702
R791
R790
R789
R736
R735
C731
L704
C738
C741
C737
C740
C722
IC903
ZD705
Q702
Q701
RY701
J701
J702
Q705
F701 T2AL 250V
F701B
F701A
F702
T1AL 250V
Q904
Q906
C924
Q905
C906
ZD901
PI
P1790
CN901
Q903
IC904
PJ
P1791
CN902
L904
Q901
L901
IC902
C902
Q908
Q907
CN701
L
N
VZ701
C701
L701
C702
L702
D704
C703
L705
R716
C708
C720
C707
D705
C709
C710
C901
D901
T701
D708
L703
C715
IC701
C712
C713
IC901
IC905
IC906
L903
R704
SG701
VZ703
C705
C704
VZ702
C706
M76E
94V-0
ZEBRA
L F α
MC306-4401FC

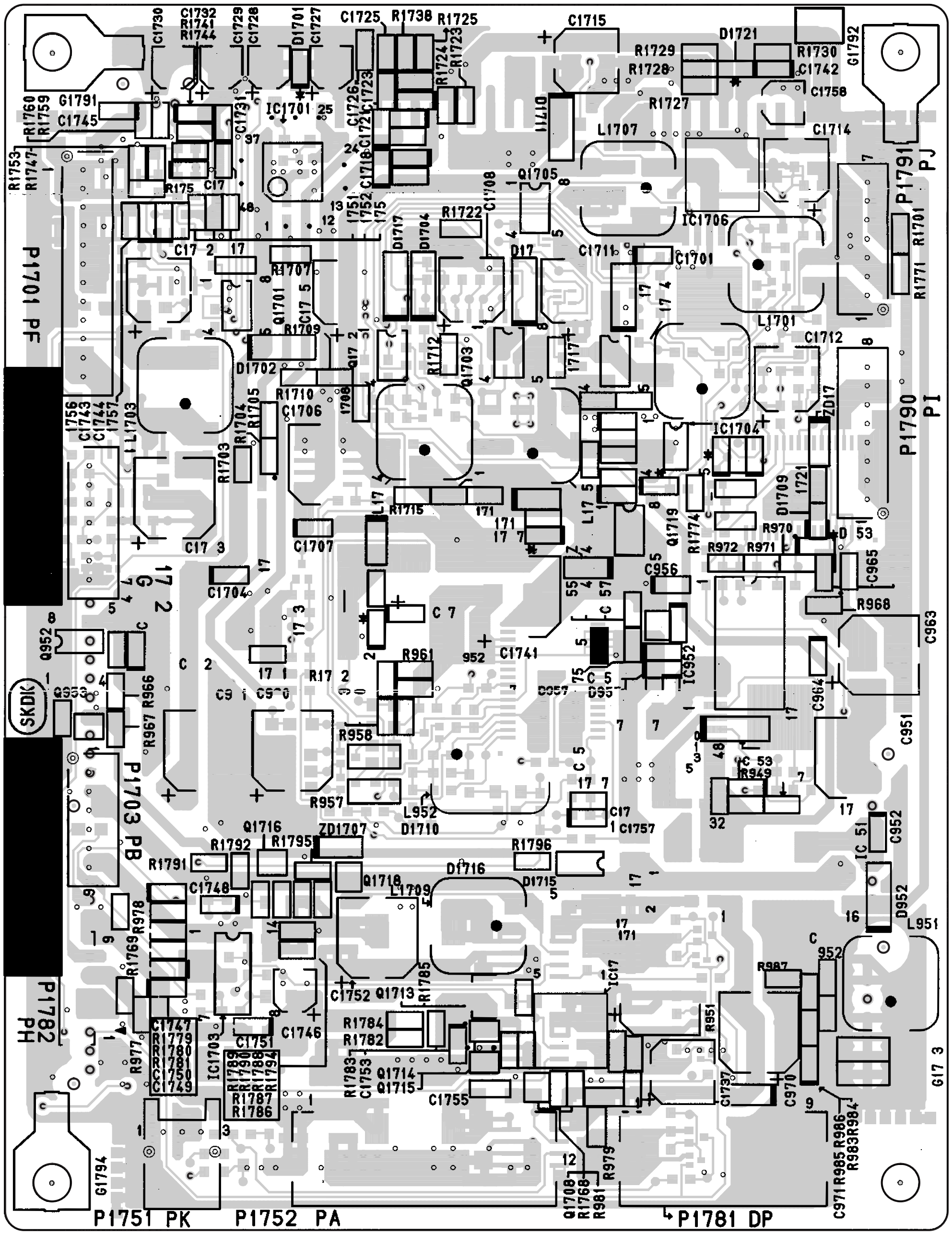
Component Side

POWER SUPPLY Unit


F702
F701
L
N
LU902
LU901
H
G
F
E
D
C
B
A
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19

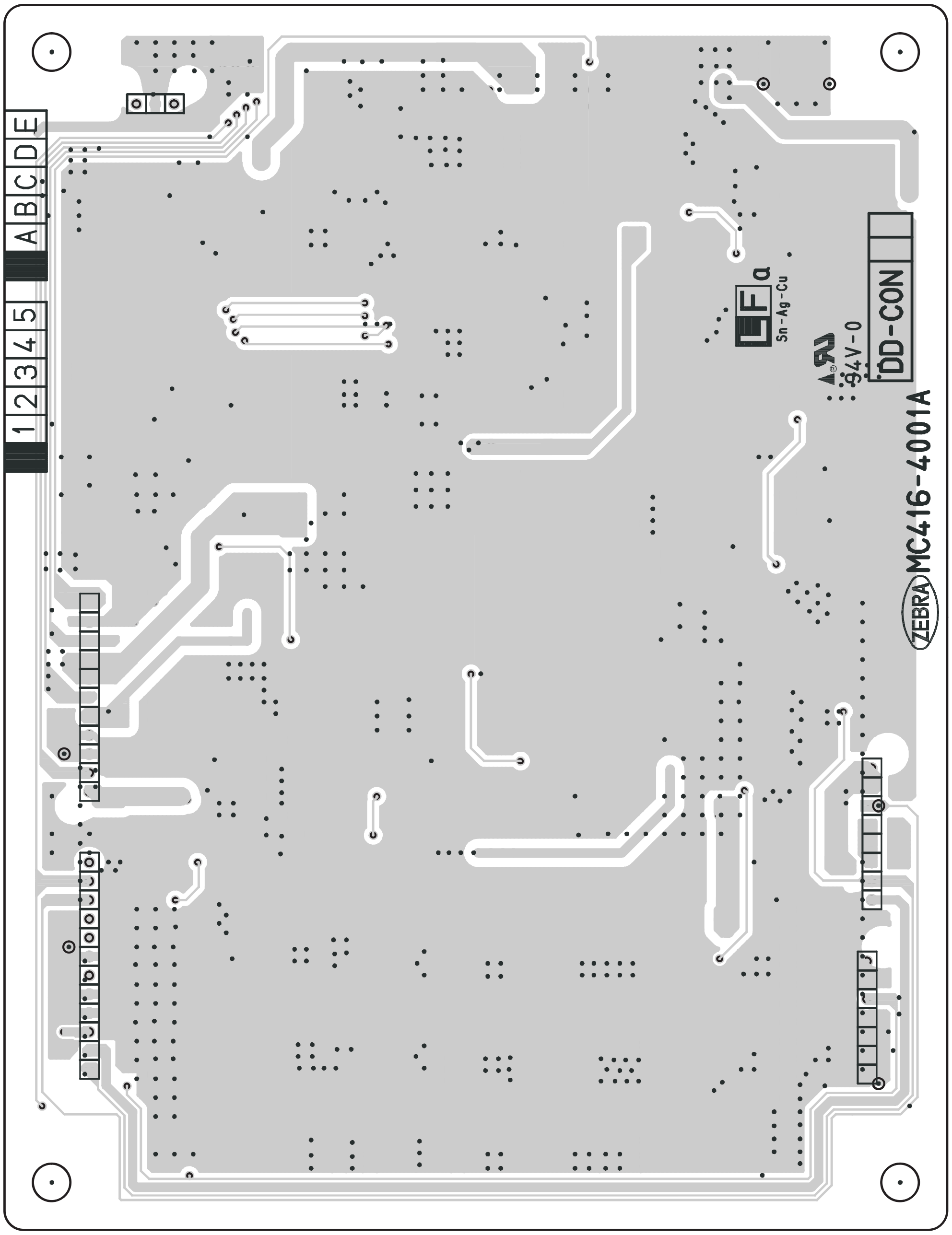
Chip Parts Side

DC/DC CONVERTER Unit


P1701 PF
P1703 PB
P1782 PH
P1751 PK
P1752 PA
P1781 DP
P1790 PI
P1791 PJ
IC1701
IC1703
IC1704
IC1706
IC952
L1701
L1703
L1707
L1709
L951
L952
SKDK
G1791
G1792
G1794

Component Side

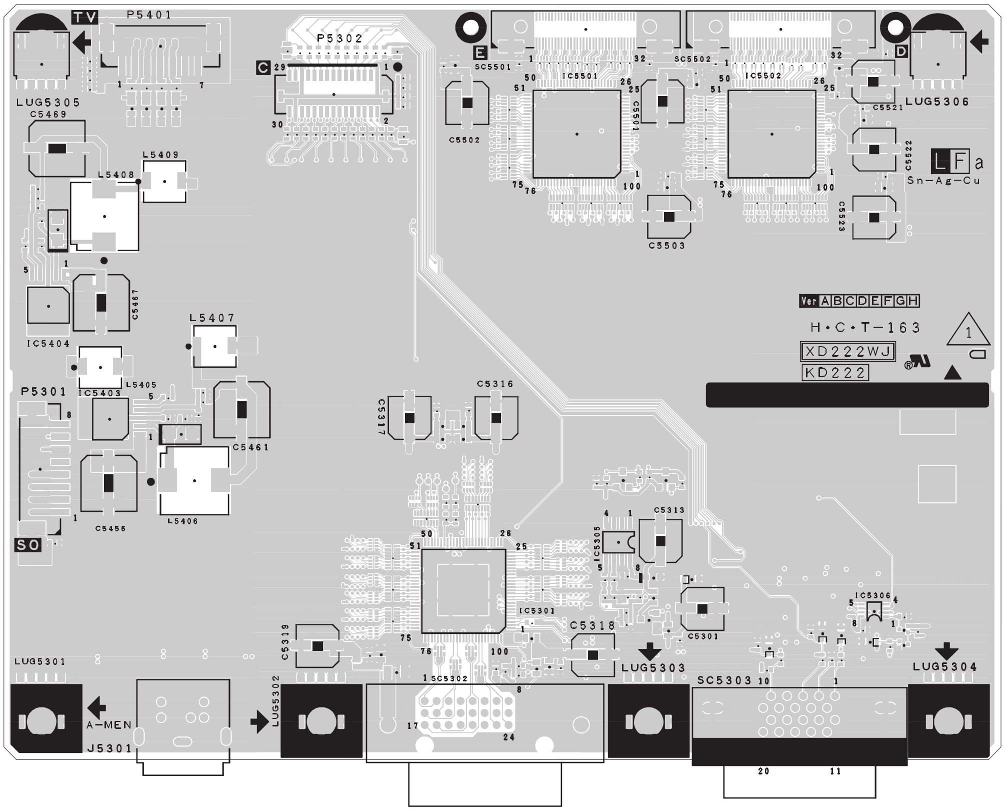
DC/DC CONVERTER Unit


A B C D E
1 2 3 4 5
LF a
Sn-Ag-Cu
94V-0
DD-CON
ZEBRA
MC416-4001A
H
G
F
E
D
C
B
A
1
2
3
4
5
6

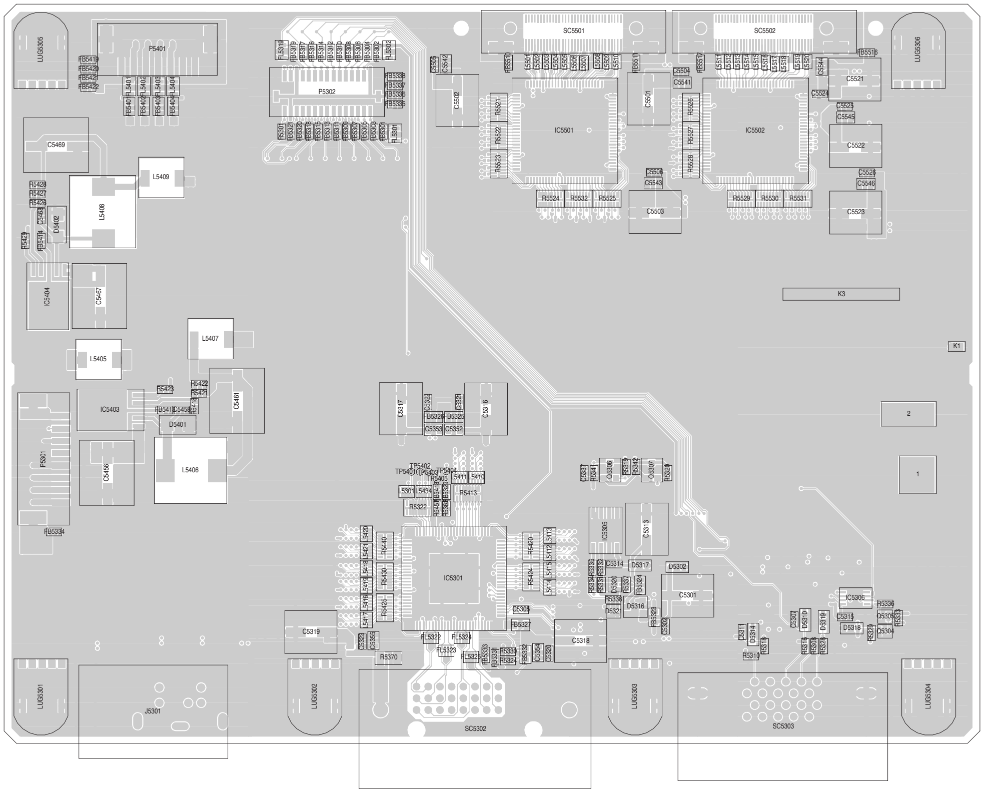
Chip Parts Side

(LC-65GD1E)

■ TMDS-RX Unit


TV
P5401
P5302
SC5501
IC5501
SC5502
IC5502
LUG5305
LUG5306
C5469
L5409
L5408
C5502
C5501
C5503
C5521
C5522
C5523
LFa
Sn-Ag-Cu
C5467
IC5404
L5407
Ver A B C D E F G H
H·C·T-163
XD222WJ
KD222
P5301
IC5403
L5405
C5461
C5317
C5316
C5456
L5406
SO
C5313
IC5305
IC5301
IC5306
C5301
C5319
C5318
LUG5301
LUG5302
LUG5303
LUG5304
A-MEN
J5301
SC5302
SC5303

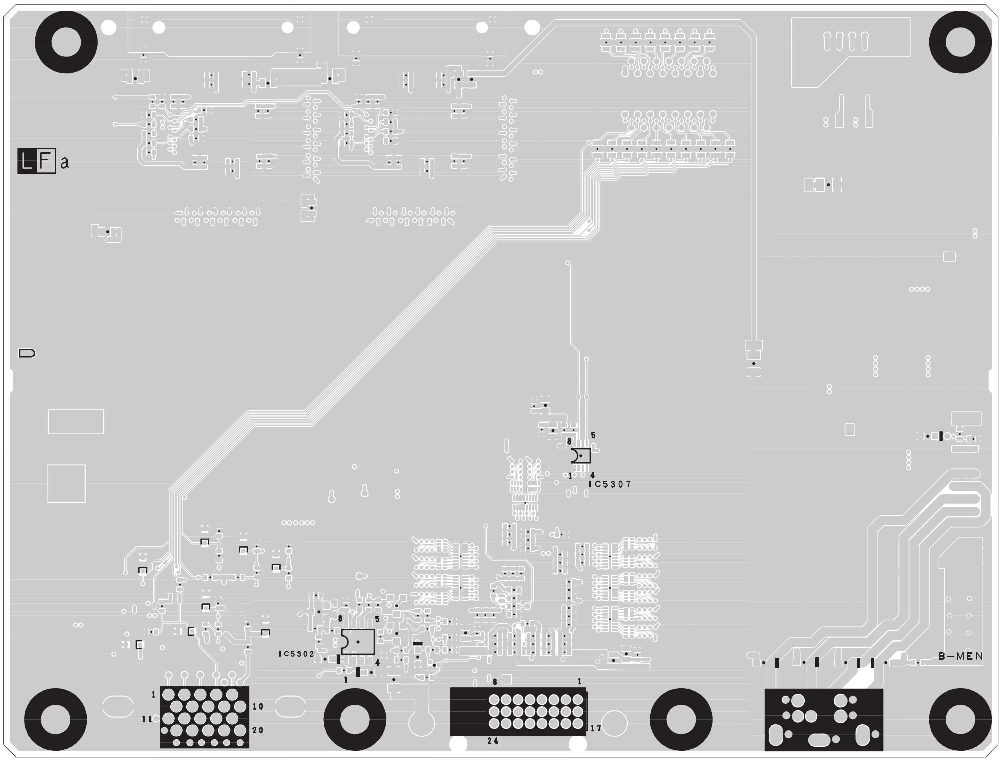
Side-A


SC5501
SC5502
P5401
P5302
IC5501
IC5502
C5469
L5409
L5408
IC5404
C5467
L5407
L5405
IC5403
C5461
D5401
L5406
C5456
P5301
K3
K1
C5317
C5316
IC5301
IC5305
C5313
C5301
IC5306
C5319
C5318
J5301
SC5302
SC5303
LUG5301
LUG5302
LUG5303
LUG5304
LUG5305
LUG5306

Chip Parts Side-A

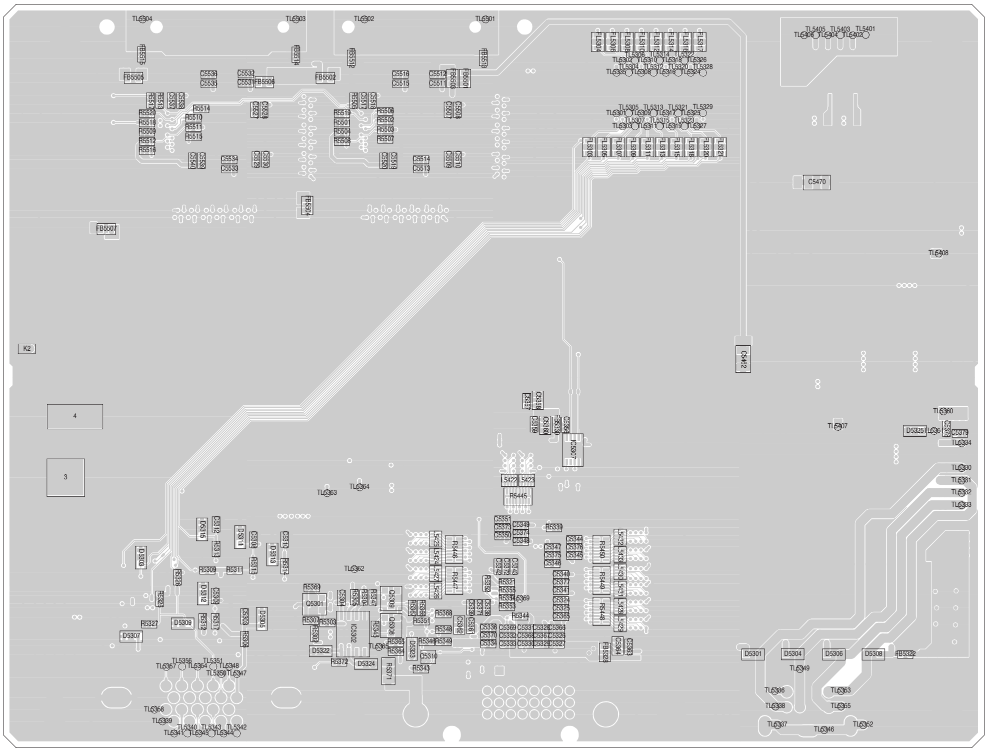
■ TMDS-RX Unit

H
G
F
E


LFa
IC5307
IC5302
B-MEN
1
10
11
20
8
5
4
1
24
17

Side-B

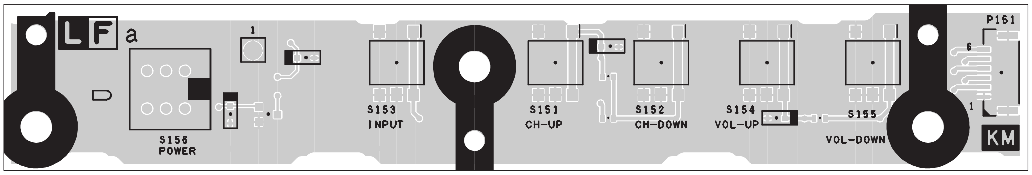
D
C
B
A


FB5505
FB5502
FB5507
C5470
K2
IC5302
TL5401
TL5308

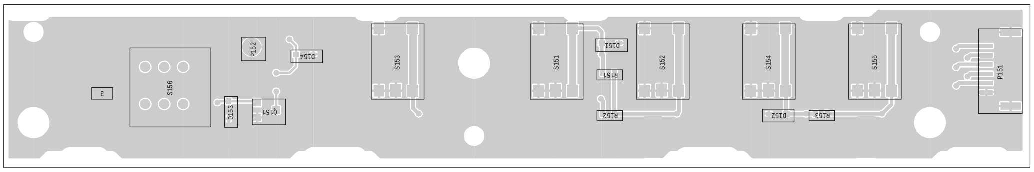
Chip Parts Side-B

1	2	3	4	5	6

Key Unit

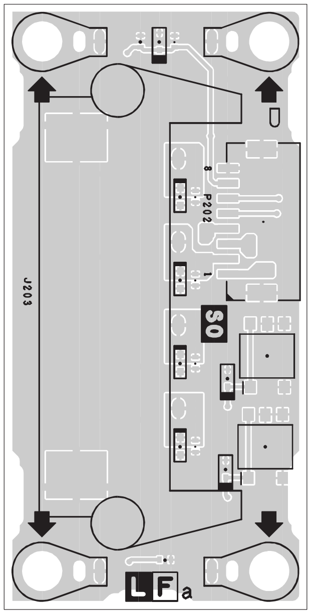

LF a
1
S156
POWER
S153
INPUT
S151
CH-UP
S152
CH-DOWN
S154
VOL-UP
S155
VOL-DOWN
P151
6
1
KM

Side-A

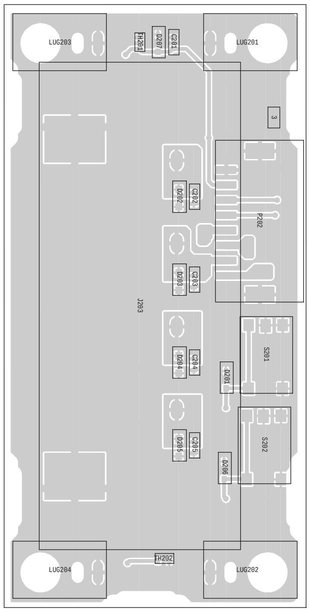

3
S156
P152
D154
D153
Q151
S153
S151
D151
R151
R152
S152
S154
D152
R153
S155
P151

Chip Parts Side-A

Speaker Terminal Unit


8
P202
1
J203
S0
LF a

Side-A


LUG203
R201
D207
C201
LUG201
3
D202
C202
P202
D203
C203
J203
D204
C204
D201
S201
D205
C205
D206
S202
LUG204
IH202
LUG202

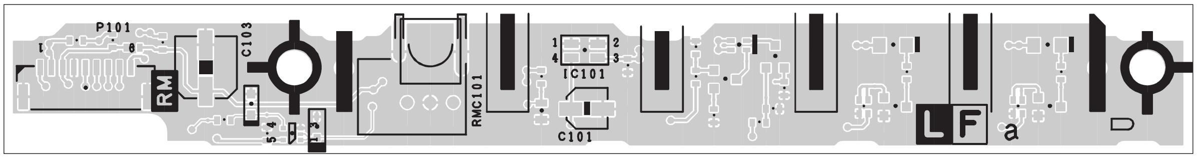
Chip Parts Side-A

H
G
F
E
D
C
B
A

1 2 3 4 5 6

R/C,LED Unit

H

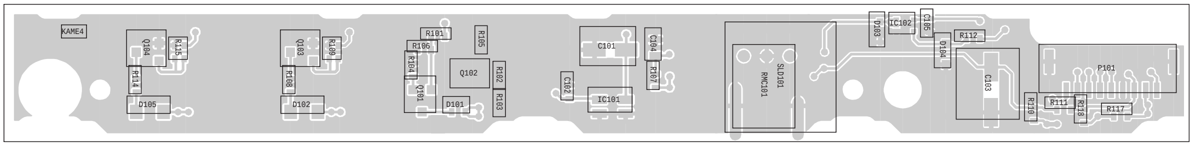

P101
1
8
RM
C103
RMC101
1
2
4
3
IC101
C101
5 4
1 3
L
F
a

G

Side-A

F

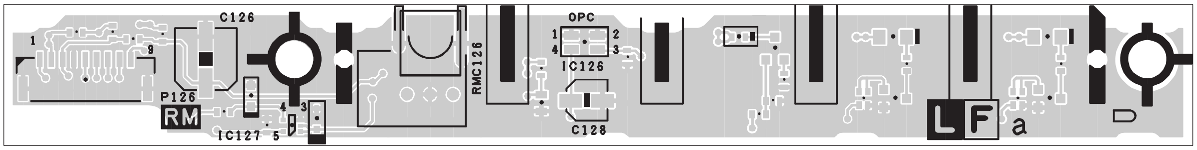
E


KAME4
Q104
R115
R114
D105
Q103
R109
R108
D102
R101
R106
R105
R104
Q102
Q101
D101
R102
R103
C101
C104
C102
R107
IC101
SLD101
RMC101
D103
IC102
C105
R112
D104
C103
P101
R110
R111
R118
R117

D

Chip Parts Side-A

C


C126
1
9
P126
RM
IC127
4
3
5
RMC126
OPC
1
2
4
3
IC126
C128
L
F
a

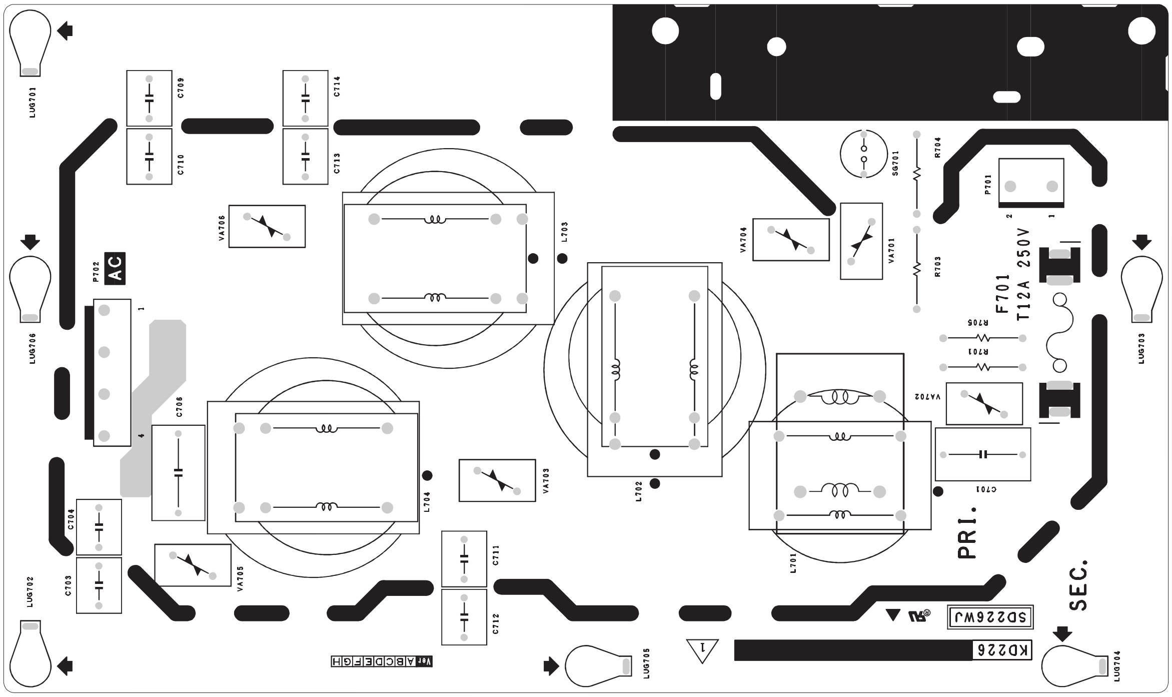
B

Side-B

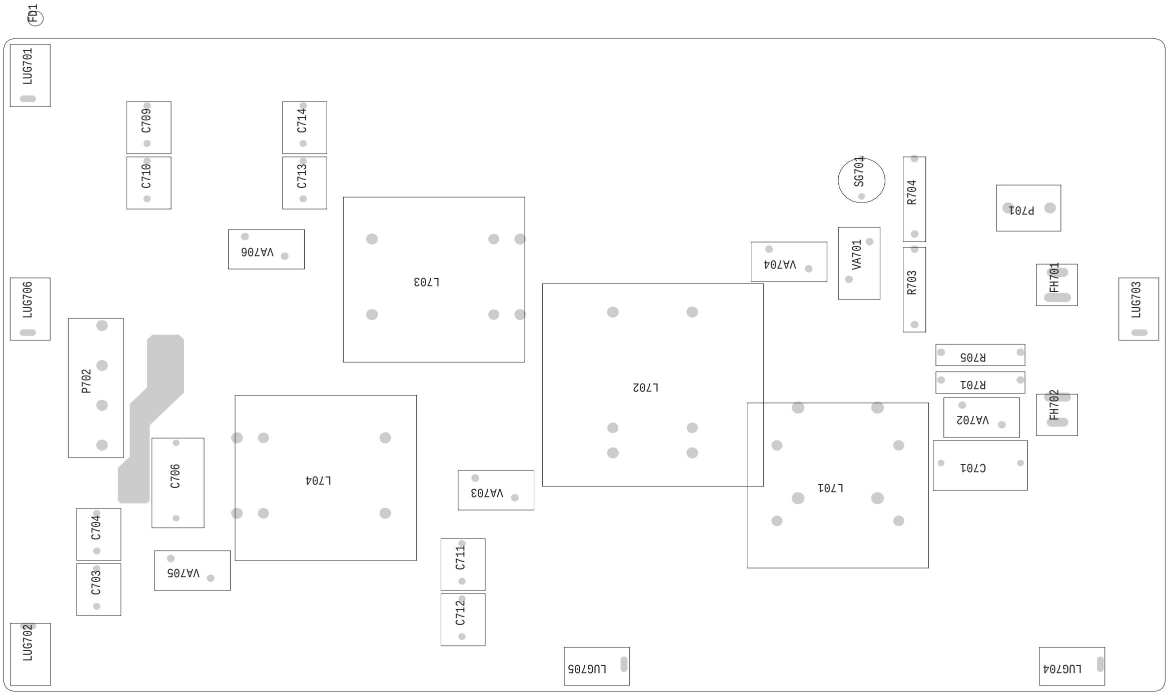
A

1 2 3 4 5 6

LINE FILTER Unit

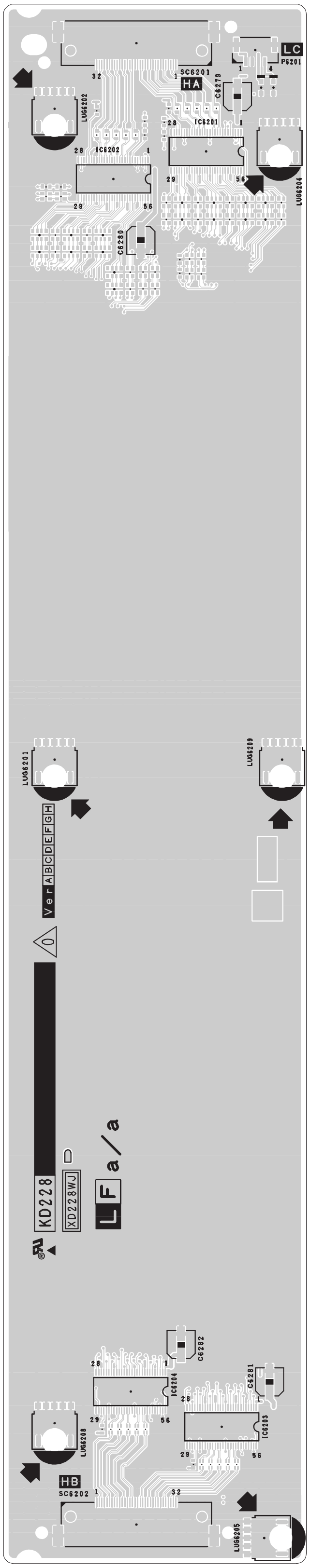

LUG701
C709
C710
C714
C713
VA706
L703
P702
AC
1
4
LUG706
C706
L704
VA703
L702
SG701
R704
P701
VA704
VA701
R703
2
1
F701
T12A 250V
R705
R701
VA702
C701
L701
PRI.
SEC.
C704
C703
LUG702
VA705
C711
C712
SD226WJ
KD226
LUG705
LUG704
LUG703
ABCDEFGH

Component Side

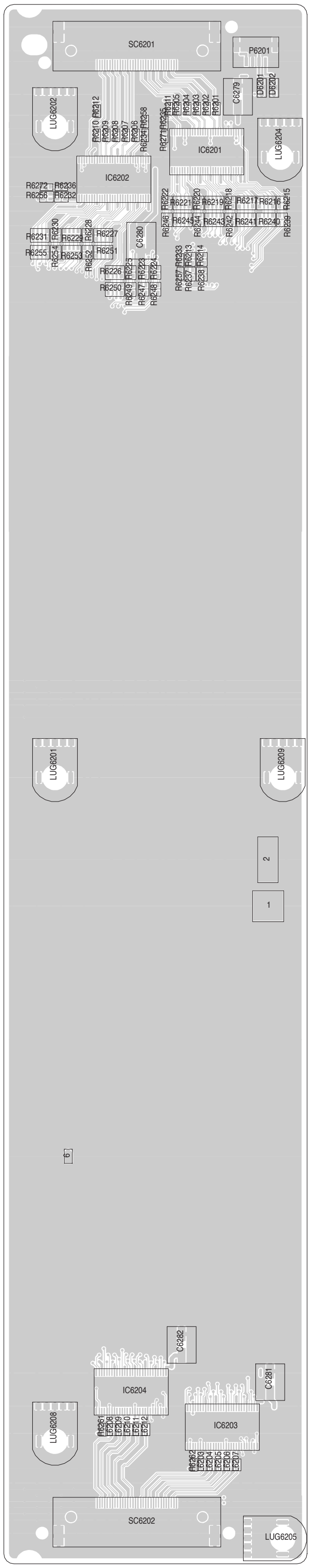

FD1
LUG701
C709
C710
C714
C713
VA706
L703
SG701
R704
P701
VA704
VA701
R703
FH701
LUG706
LUG703
P702
L702
R705
R701
VA702
FH702
C706
L704
L701
C701
VA703
C704
C703
VA705
C711
C712
LUG702
LUG705
LUG704

Chip Parts Side

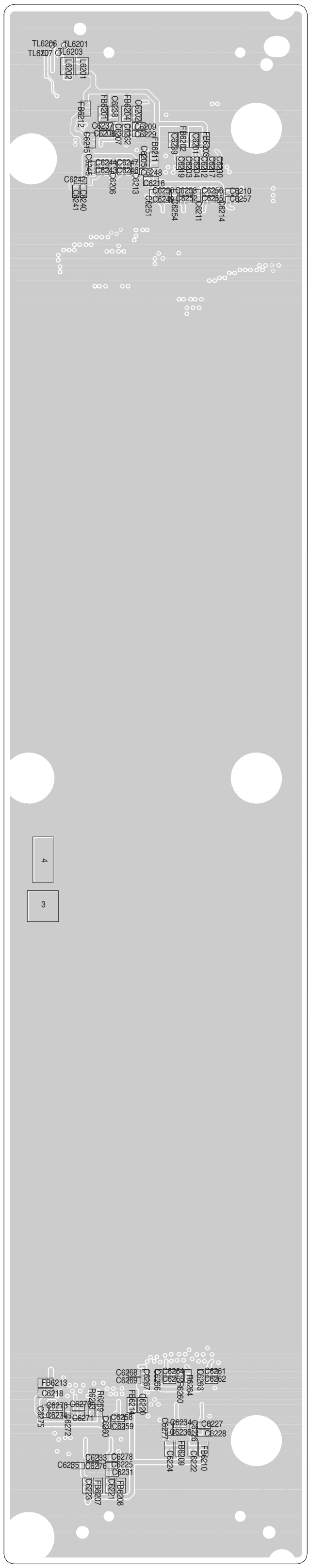
LVDS Repeater Unit


SC6201
LC
P6201
HA
C6279
IC6201
IC6202
LUG6202
LUG6204
C6280
LUG6201
LUG6209
Ver A B C D E F G H
KD228
XD228WJ
L F a / a
C6282
C6281
C6284
C6283
IC6204
IC6203
LUG6208
HB
SC6202
LUG6205

Side-A


SC6201
P6201
C6279
IC6201
IC6202
LUG6202
LUG6204
C6280
LUG6201
LUG6209
2
1
6
C6282
C6281
IC6204
IC6203
LUG6208
SC6202
LUG6205

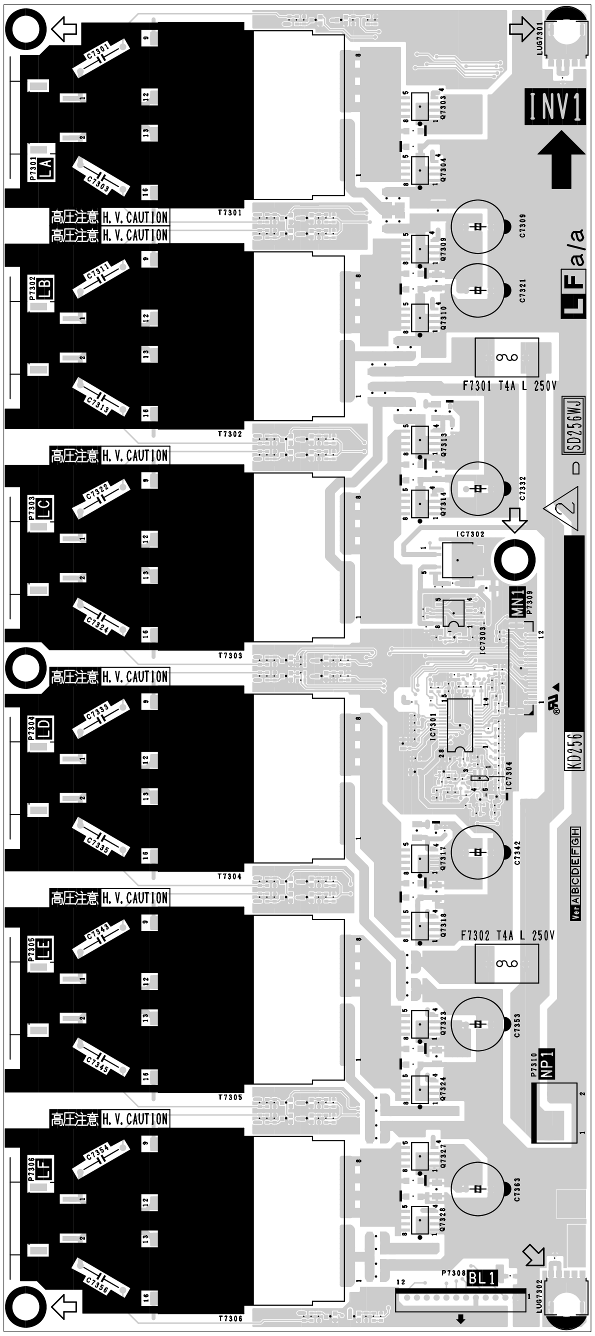
Chip Parts Side-A

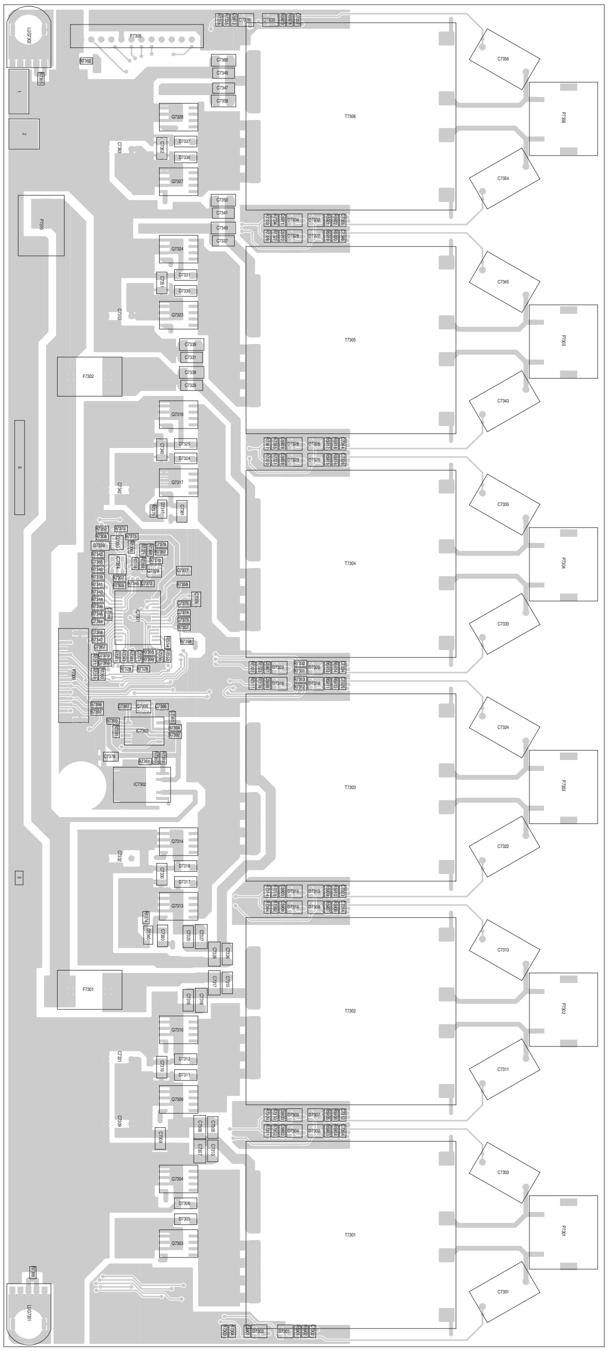

TL6206
TL6201
TL6207
TL6203
L6202
L6201
FB6212
C6210
C6257
C6242
4
3
FB6213
C6218
C6261
C6262
C6227
C6228
C6285
FB6210

Chip Parts Side-B

■ INVERTER-1 Unit

H
G
F
E
D
C
B
A


INV1
LF a/a
P7301 LA
P7302 LB
P7303 LC
P7304 LD
P7305 LE
P7306 LF
C7301
C7303
C7311
C7313
C7322
C7324
C7333
C7335
C7343
C7345
C7354
C7356
高圧注意 H.V.CAUTION
T7301
T7302
T7303
T7304
T7305
T7306
LUG7301
LUG7302
Q7303
Q7304
Q7309
Q7310
Q7313
Q7314
Q7317
Q7318
Q7323
Q7324
Q7327
Q7328
C7309
C7321
C7332
C7342
C7353
C7363
F7301 T4A L 250V
F7302 T4A L 250V
SD256WJ
IC7301
IC7302
IC7303
IC7304
P7309 MN1
P7310 NP1
P7308 BL1
KD256
Ver A B C D E F G H



Component Side

Chip Parts Side

1	2	3	4	5	6

INVERTER-2 Unit

H

G

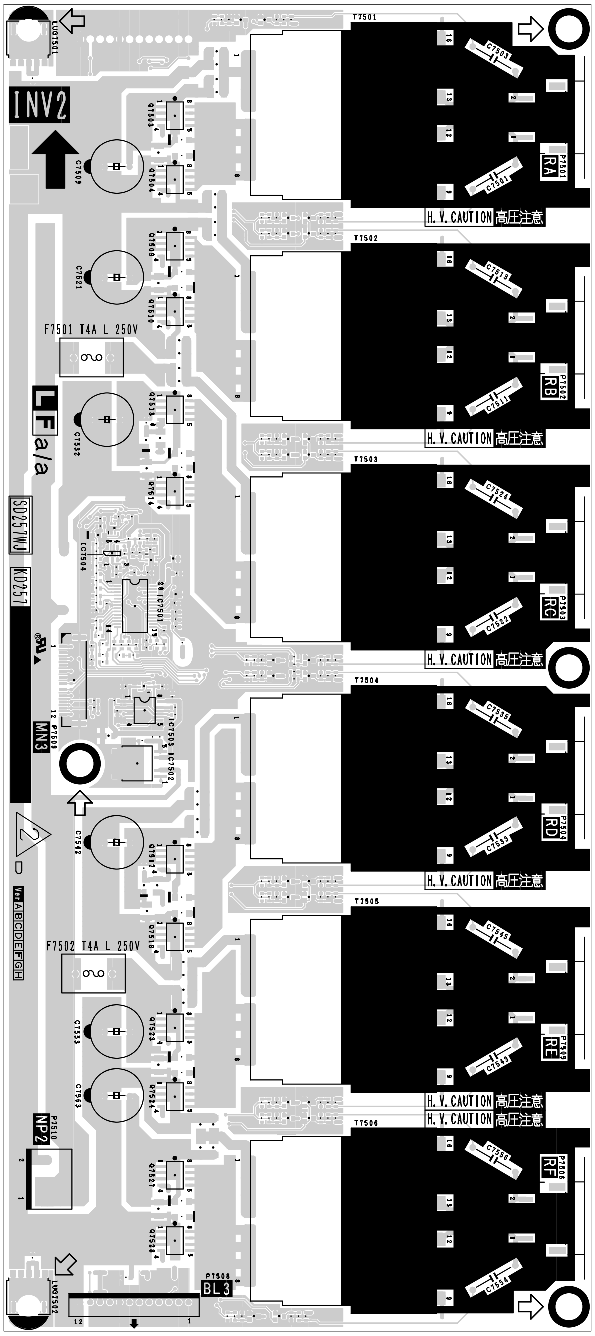
F

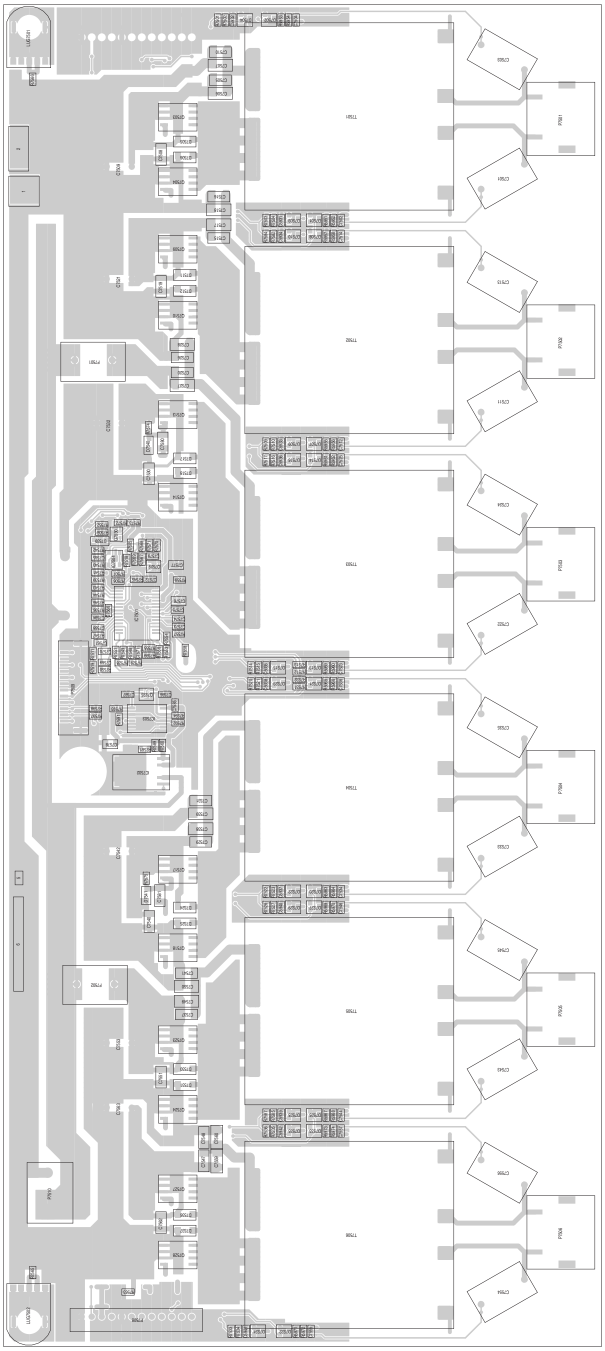
E

D

C

B


T7501
T7502
T7503
T7504
T7505
T7506
INV2
LUG7501
LUG7502
C7509
C7521
C7532
C7542
C7553
C7563
F7501 T4A L 250V
F7502 T4A L 250V
LF
a/a
SD257WJ
KD257
MN3
NP2
IC7501
IC7502
IC7503
IC7504
P7501
RA
P7502
RB
P7503
RC
P7504
RD
P7505
RE
P7506
RF
P7508
BL3
P7509
P7510
H.V.CAUTION 高圧注意



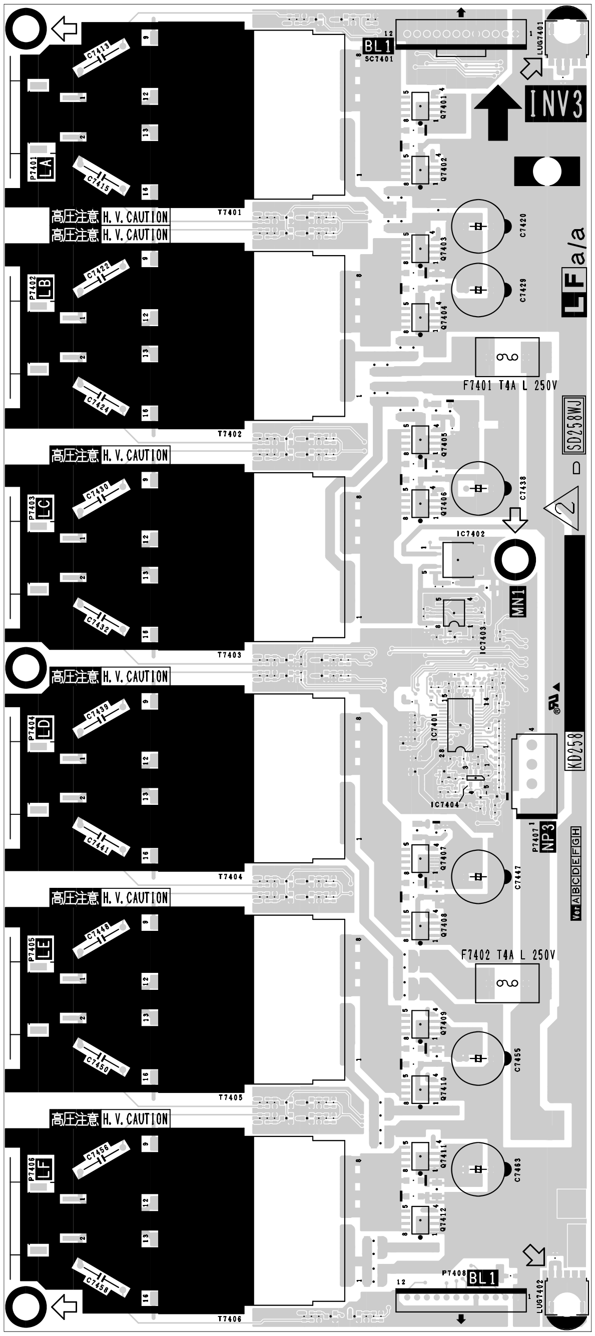
A

Component Side

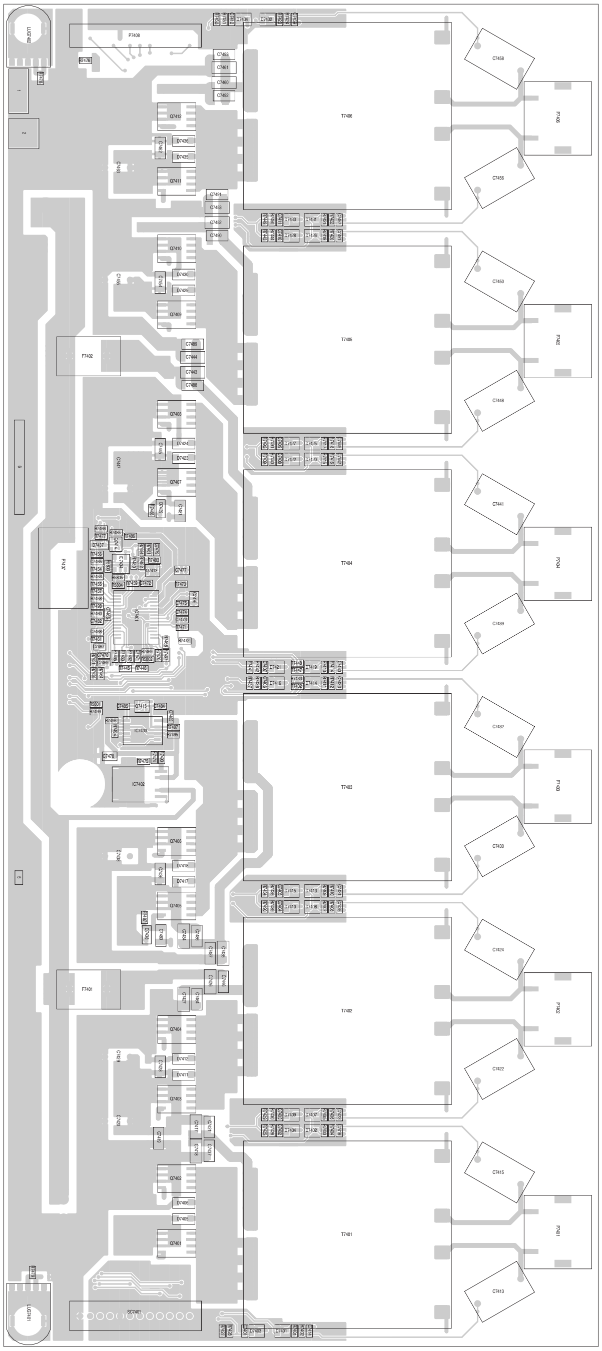
Chip Parts Side

1 2 3 4 5 6

■ INVERTER-3 Unit


INV3
BL1
SC7401
LUG7401
P7401 LA
P7402 LB
P7403 LC
P7404 LD
P7405 LE
P7406 LF
高圧注意 H.V.CAUTION
T7401
T7402
T7403
T7404
T7405
T7406
Q7401
Q7402
Q7403
Q7404
Q7405
Q7406
Q7407
Q7408
Q7409
Q7410
Q7411
Q7412
C7420
C7429
C7438
C7447
C7455
C7463
LF a/a
F7401 T4A L 250V
F7402 T4A L 250V
SD258WJ
IC7402
IC7403
IC7401
IC7404
MN1
KD258
P7407
NP3
Ver A B C D E F G H
P7408
LUG7402

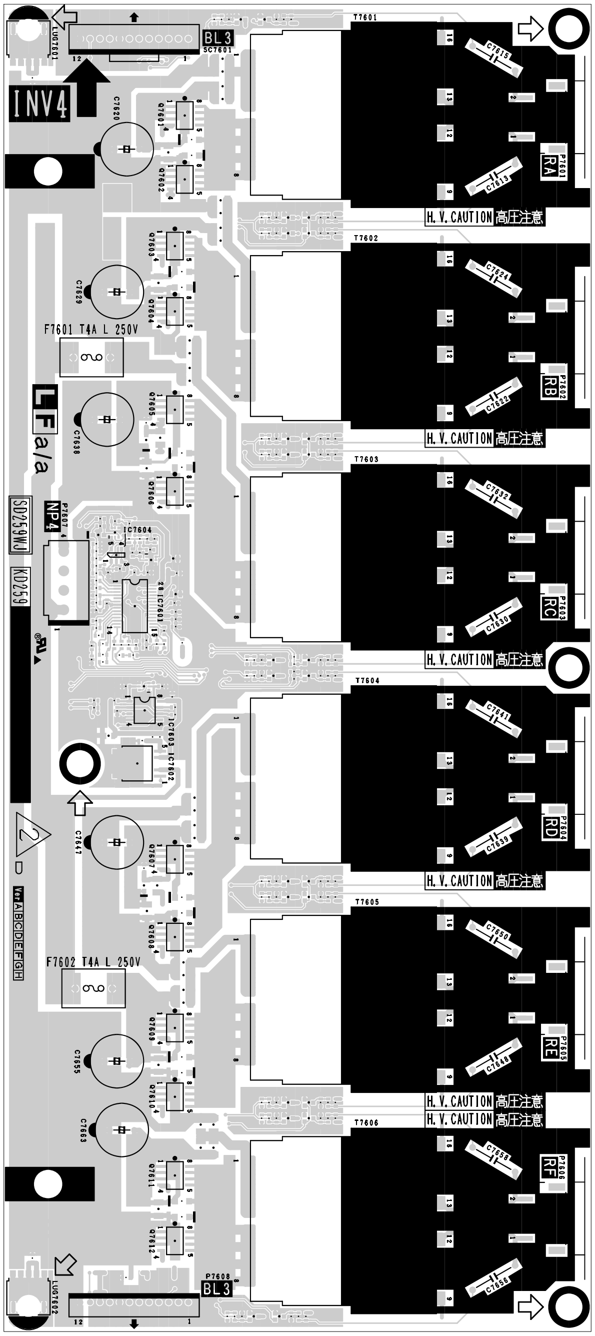
Component Side

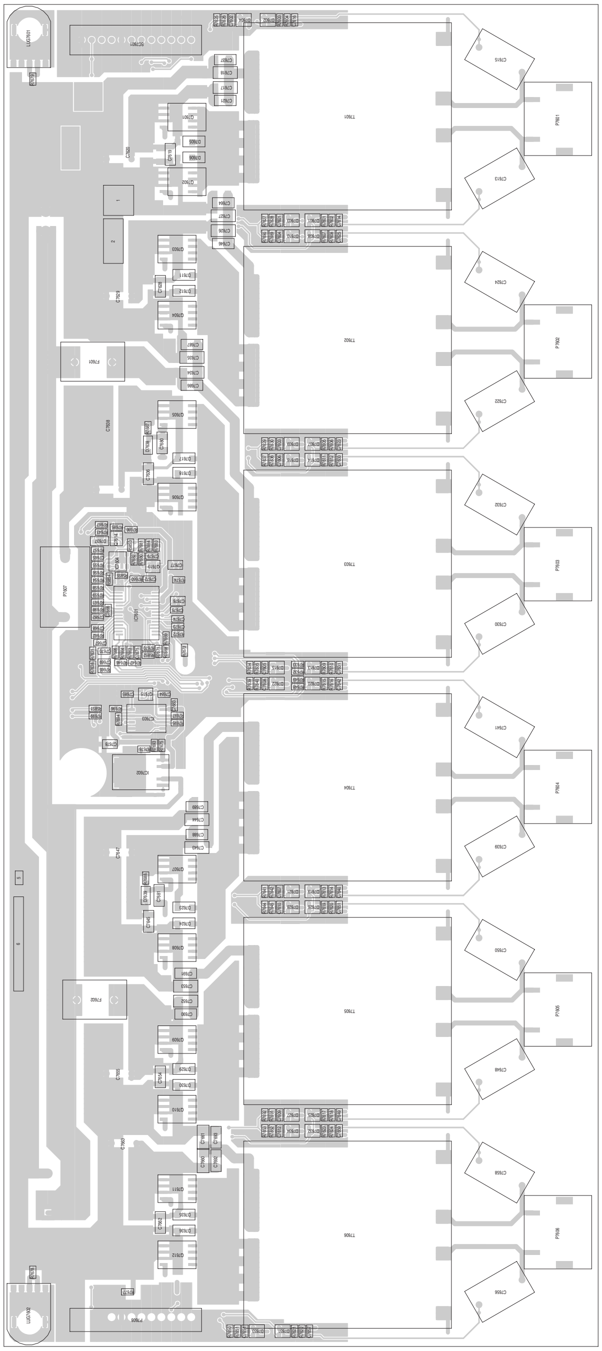

P7408
SC7401
T7406
T7405
T7404
T7403
T7402
T7401
F7402
F7401
IC7402

Chip Parts Side

INVERTER-4 Unit

H
G
F
E
D
C
B
A


INV4
LUG7601
SC7601
BL3
T7601
T7602
T7603
T7604
T7605
T7606
P7601
P7602
P7603
P7604
P7605
P7606
P7607
P7608
RA
RB
RC
RD
RE
RF
H.V.CAUTION 高圧注意
C7620
C7629
C7638
C7647
C7655
C7663
F7601 T4A L 250V
F7602 T4A L 250V
IC7604
IC7601
IC7603
IC7602
SD259WJ
KD259
NP4
LF
LUG7602



Component Side

Chip Parts Side

■ INVERTER-5 Unit

H

G

F

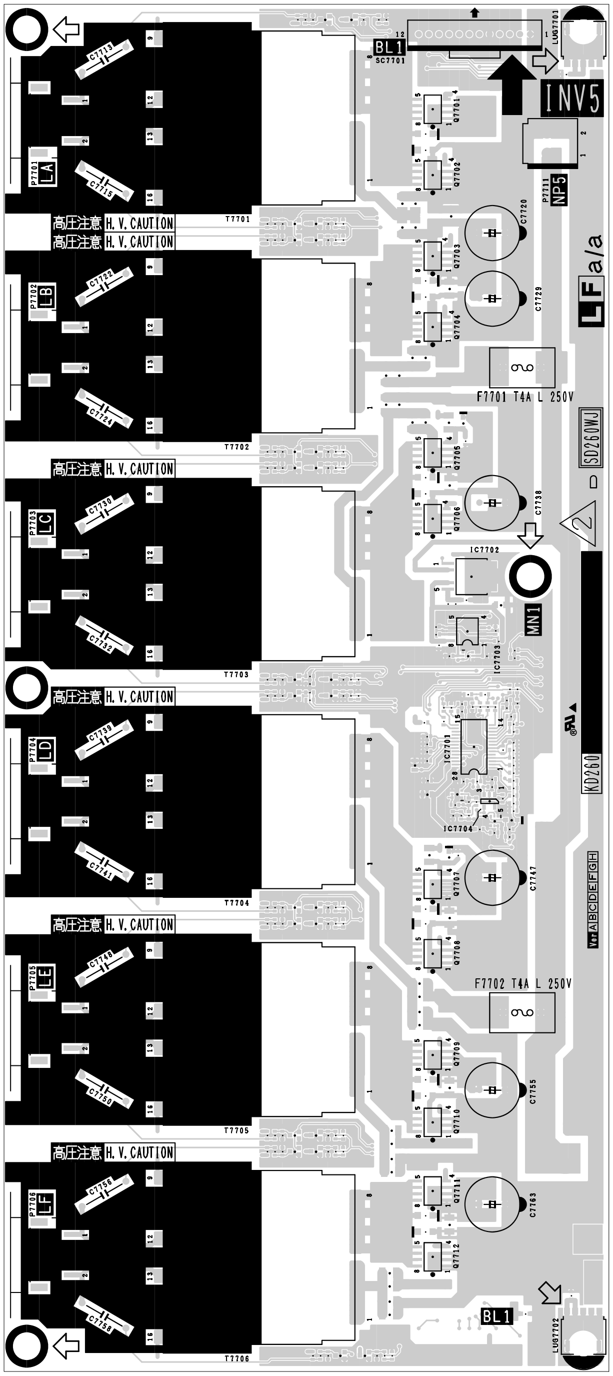
E

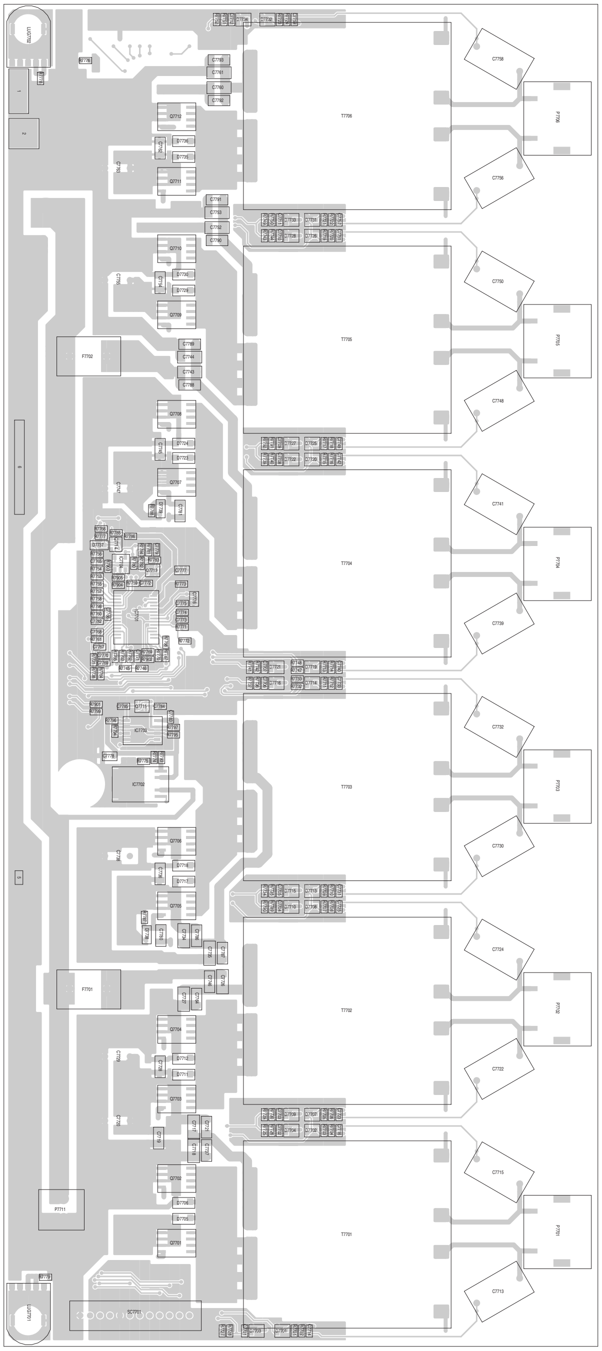
D

C

B

A


BL1
SC7701
LUG7701
INV5
P7711
NP5
a/a
LF
Q7701
Q7702
Q7703
Q7704
Q7705
Q7706
Q7707
Q7708
Q7709
Q7710
Q7711
Q7712
C7720
C7729
C7738
C7747
C7755
C7763
C7713
C7715
C7722
C7724
C7730
C7732
C7739
C7741
C7748
C7750
C7756
C7758
P7701 LA
P7702 LB
P7703 LC
P7704 LD
P7705 LE
P7706 LF
T7701
T7702
T7703
T7704
T7705
T7706
高圧注意 H.V.CAUTION
F7701 T4A L 250V
F7702 T4A L 250V
SD260WJ
IC7702
MN1
IC7703
IC7701
IC7704
KD260
Ver A B C D E F G H
BL1
LUG7702



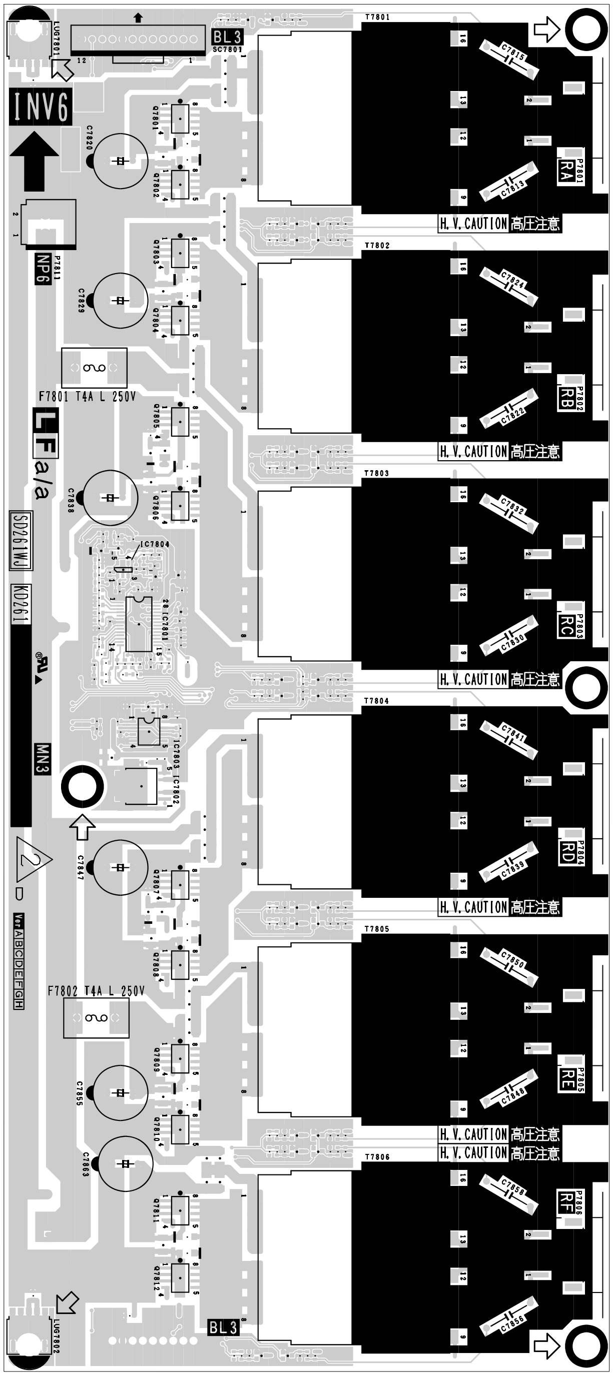
Component Side

Chip Parts Side

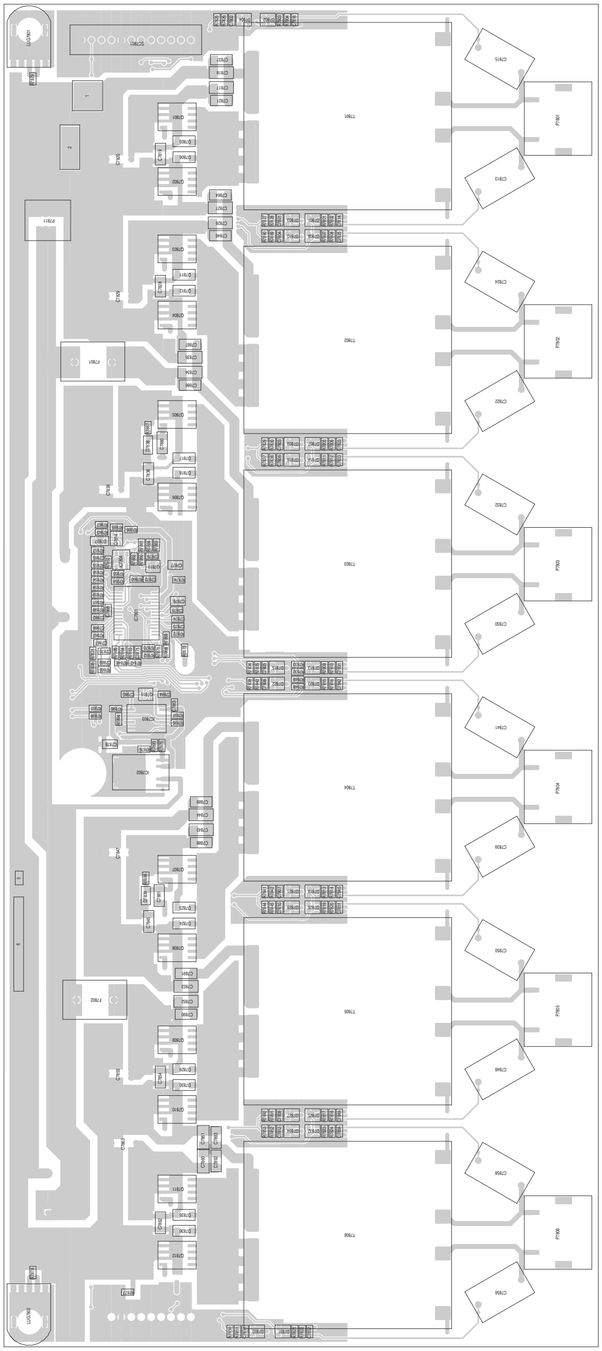
1 2 3 4 5 6

■ INVERTER-6 Unit

H
G
F
E
D
C
B
A


LUGT7801
BL3
SC7801
INV6
T7801
RA
P7801
C7815
C7813
H.V.CAUTION 高圧注意
Q7801
Q7802
C7820
NP6
P7811
T7802
RB
P7802
C7824
C7822
Q7803
Q7804
C7829
F7801 T4A L 250V
LF a/a
Q7805
Q7806
C7838
SD261WJ
KD261
IC7804
IC7801
T7803
RC
P7803
C7832
C7830
T7804
RD
P7804
C7841
C7839
IC7803
IC7802
MN3
C7847
Q7807
Q7808
F7802 T4A L 250V
T7805
RE
P7805
C7850
C7848
Q7809
Q7810
C7855
C7863
T7806
RF
P7806
C7858
C7856
Q7811
Q7812
LUGT7802
BL3

Component Side



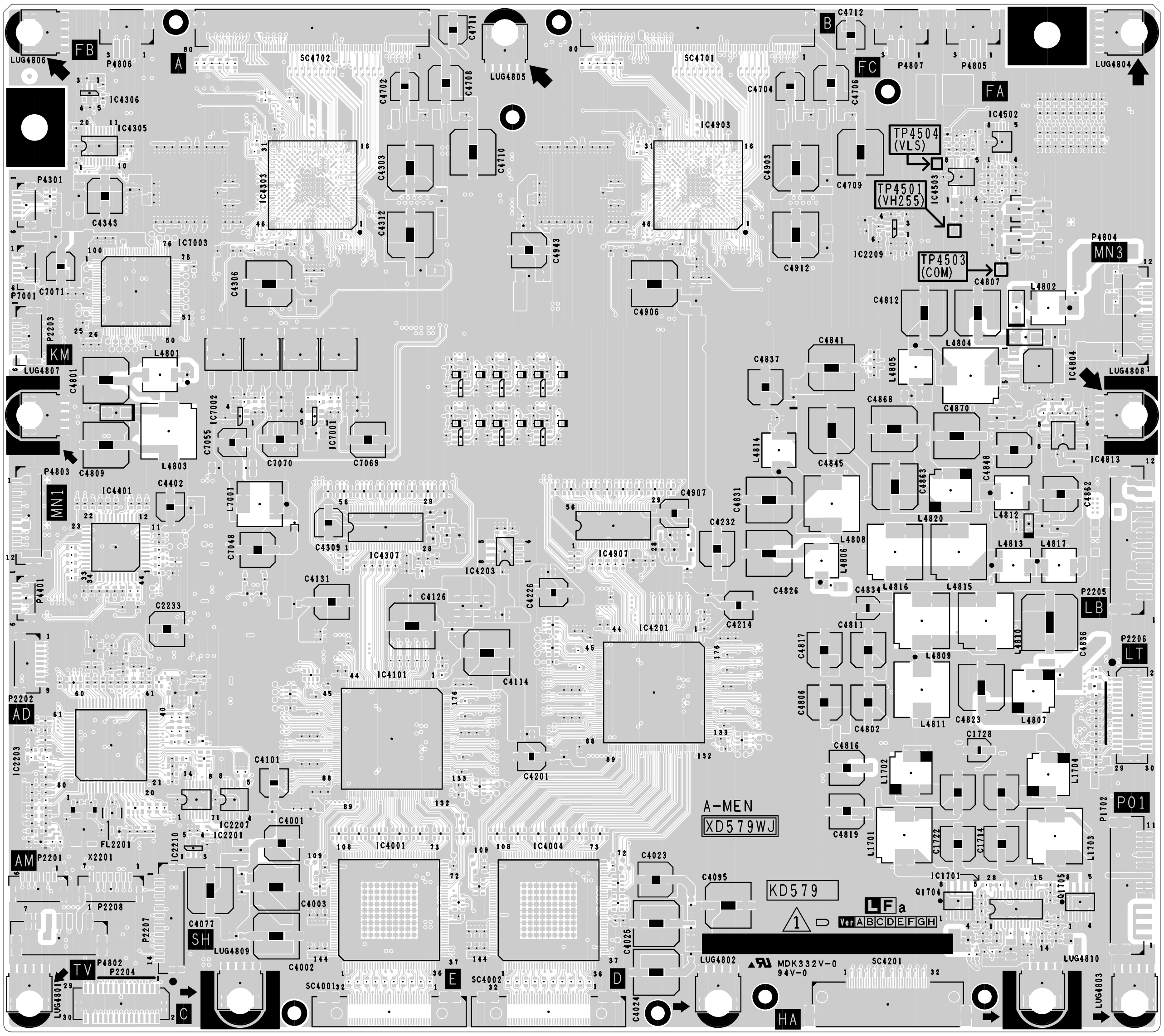
Chip Parts Side

1 2 3 4 5 6

T-CON Top Unit

H

G


FB
LUG4806
P4806
A
SC4702
C4711
LUG4805
SC4701
B
C4712
FC
P4807
P4805
LUG4804
FA
IC4306
IC4305
P4301
C4343
IC4303
C4303
C4312
C4710
C4702
C4708
IC4903
C4903
C4704
C4706
C4709
IC4502
TP4504
(VLS)
TP4501
(VH255)
IC4503
IC2209
TP4503
(COM)
C4807
P4804
MN3
C4912
C4906
C4943
C4306
IC7003
P7001
C7071
P2203
KM
LUG4807
C4801
L4801
L4803
C4809
P4803
C7055
IC7002
IC7001
C7070
C7069
C4812
L4802
C4841
C4837
L4805
L4804
C4870
IC4804
LUG4808
C4868
L4814
C4845
C4848
IC4813
C4863
C4862
MN1
IC4401
C4402
L7001
C7048
C4309
IC4307
IC4203
C4907
IC4907
C4232
C4831
L4808
L4806
L4820
L4812
L4813
L4817
P4401
C4131
C4126
C4226
C4214
C4826
C4834
L4816
L4815
P2205
LB
C2233
IC4201
C4811
C4817
L4810
C4836
P2206
LT
C4114
IC4101
L4809
P2202
AD
C4806
C4802
L4811
C4823
L4807
C4816
C1728
IC2203
C4101
C4201
L1702
L1704
A-MEN
XD579WJ
P01
P1702
IC2207
IC2201
C4001
IC2210
C4819
L1701
C1722
C1714
L1703
AM
P2201
X2201
FL2201
IC4001
IC4004
C4023
C4095
IC1701
Q1704
Q1705
KD579
P2208
C4003
LFa
Ver A B C D E F G H
P2207
C4077
SH
LUG4809
C4025
MDK332V-0
94V-0
SC4201
LUG4810
TV
P4802
P2204
C4002
LUG4802
LUG4801
C
SC4001
E
SC4002
D
C4024
HA
LUG4803

F

E

D

C

B

A

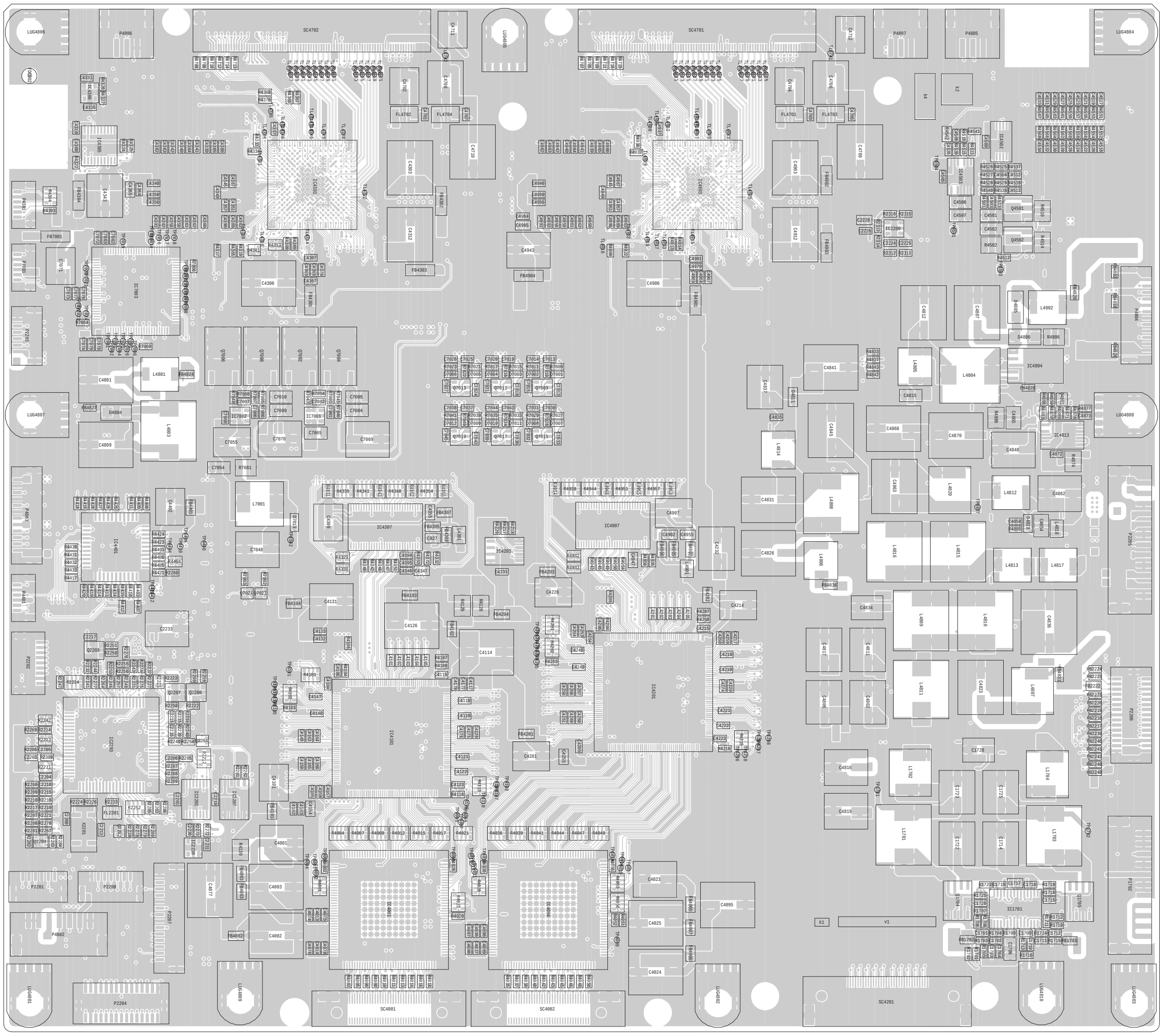
Side-A

1	2	3	4	5	6

]

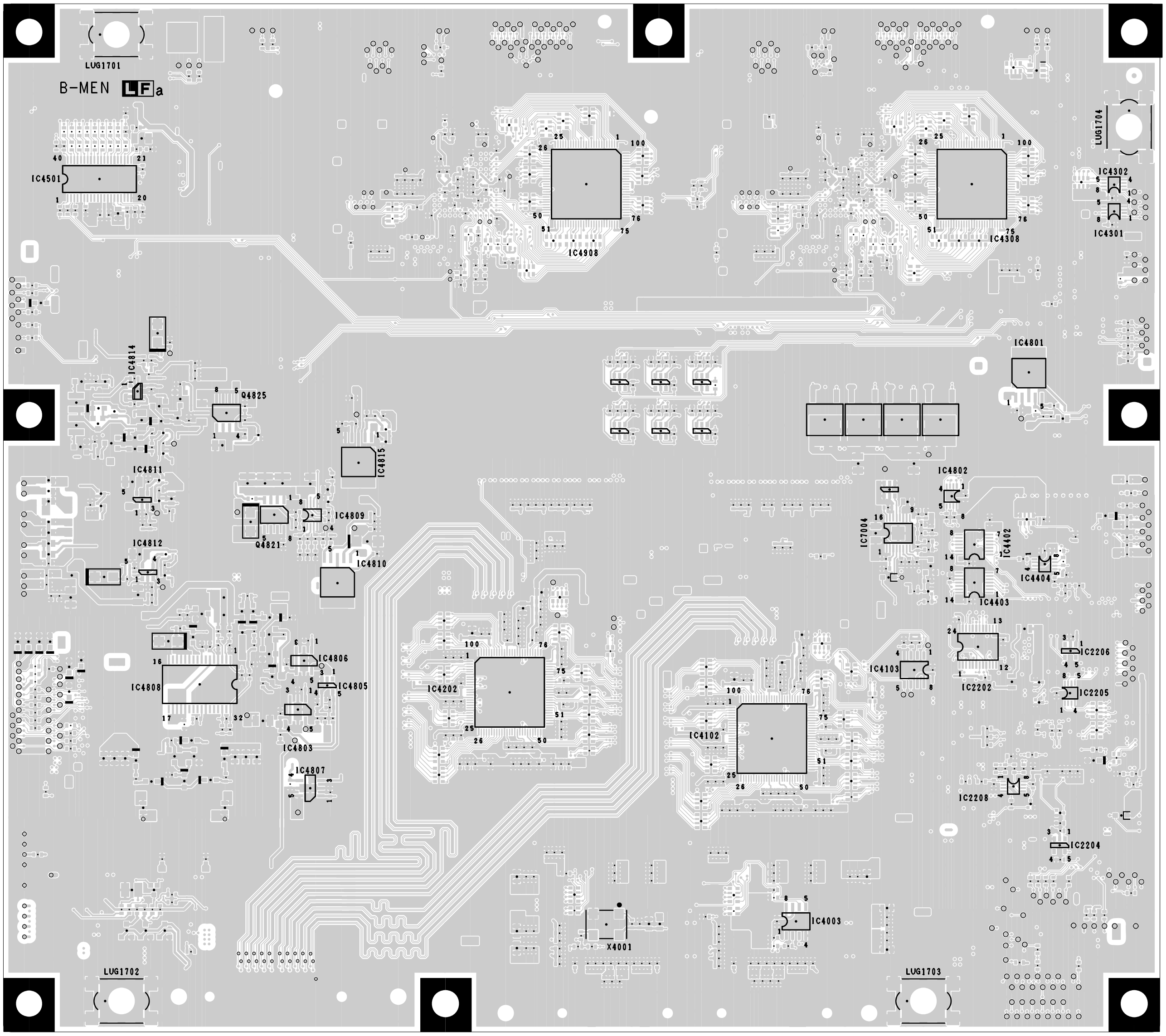
■ T-CON Top Unit

H
G
F
E
D
C
B
A
1
2
3
4
5
6



Chip Parts Side-A

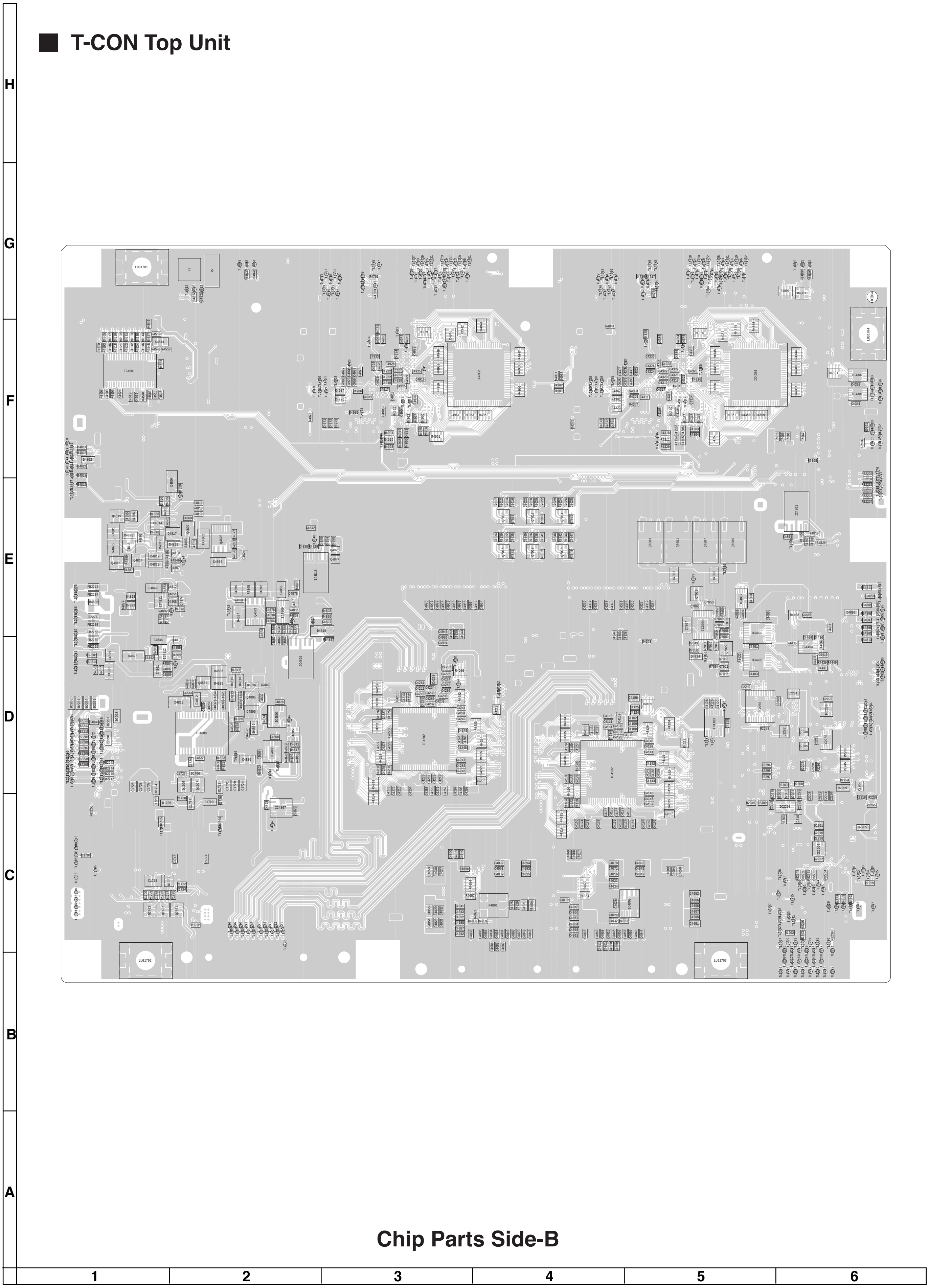
T-CON Top Unit


LUG1701
B-MEN LF a
IC4501
IC4908
IC4308
LUG1704
IC4302
IC4301
IC4801
IC4814
Q4825
IC4815
IC4811
IC4809
Q4821
IC4812
IC4810
IC4802
IC7004
IC4402
IC4404
IC4403
IC4806
IC4805
IC4808
IC4803
IC4807
IC4202
IC4102
IC4103
IC2202
IC2206
IC2205
IC2208
IC2204
X4001
IC4003
LUG1702
LUG1703

Side-B

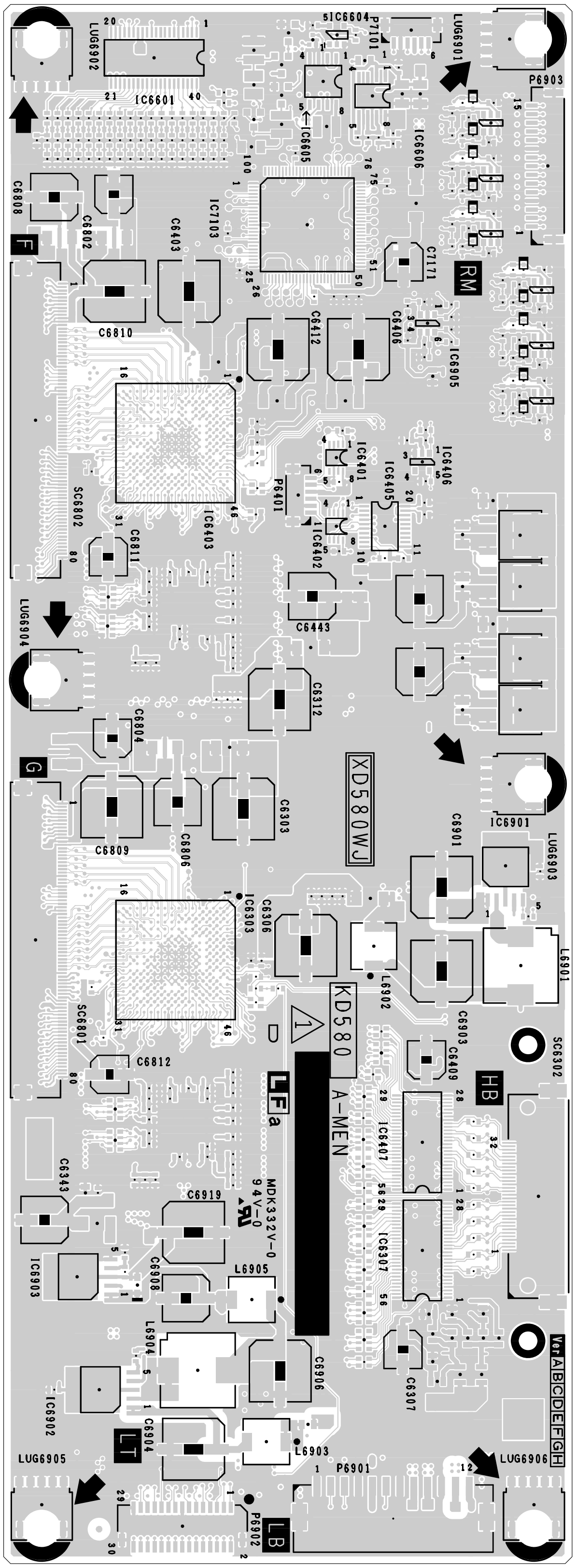
H
G
F
E
D
C
B
A
1
2
3
4
5
6

T-CON Top Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
IC4901
IC4908
IC4308
IC4202
IC4302
IC4808
LUG1701
LUG1702
LUG1703
LUG1704

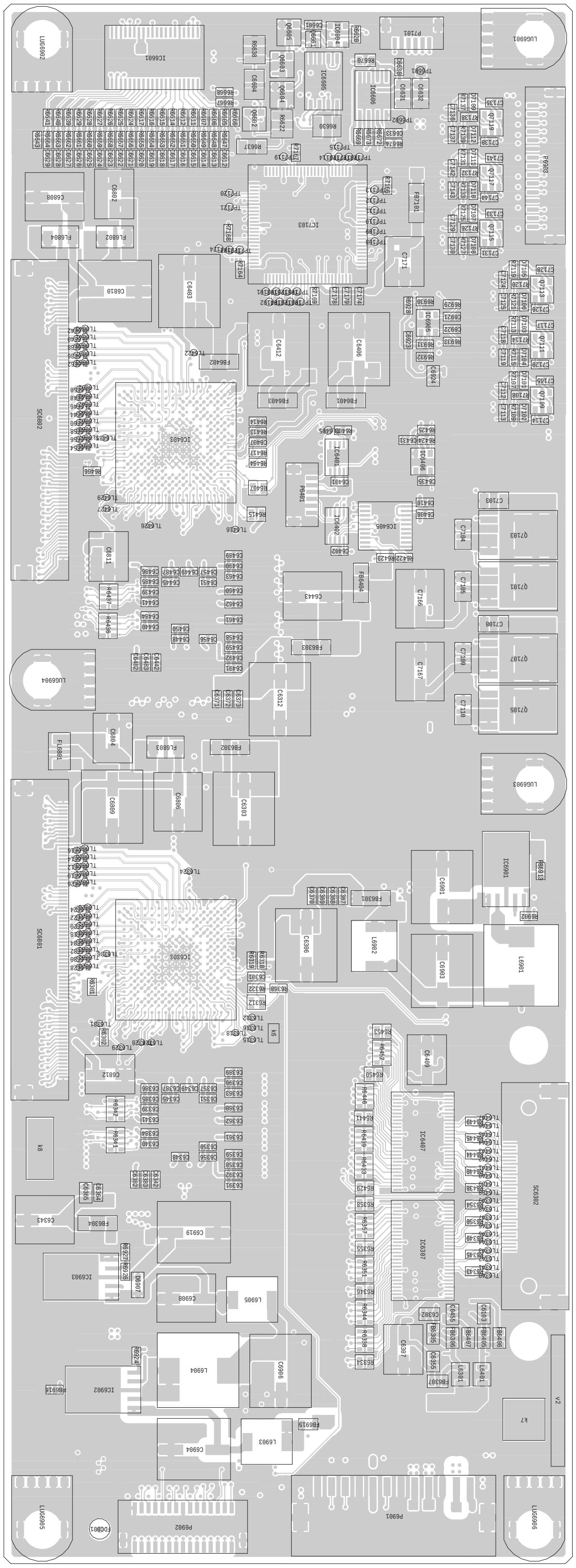
Chip Parts Side-B

T-CON Bottom Unit


LUG6902
IC6601
IC6604
P7101
LUG6901
P6903
IC6605
IC6606
C6808
C6802
C6403
IC7103
C7171
RM
F
C6810
C6412
C6406
IC6905
IC6401
IC6406
IC6405
P6401
IC6403
SC6802
C6811
IC6402
C6443
LUG6904
C6312
C6804
XD580WJ
G
C6303
IC6901
C6901
LUG6903
C6809
C6806
IC6303
C6306
L6902
L6901
KD580
A-MEN
SC6801
C6903
C6409
SC6302
HB
C6812
LFa
IC6407
IC6307
C6343
C6919
MDK332V-0
94V-0
IC6903
C6908
L6905
L6904
C6906
C6307
IC6902
C6904
LT
L6903
P6901
LUG6905
LUG6906
P6902
LB
Ver. A B C D E F G H
H
G
F
E
D
C
B
A
1
2
3
4
5
6

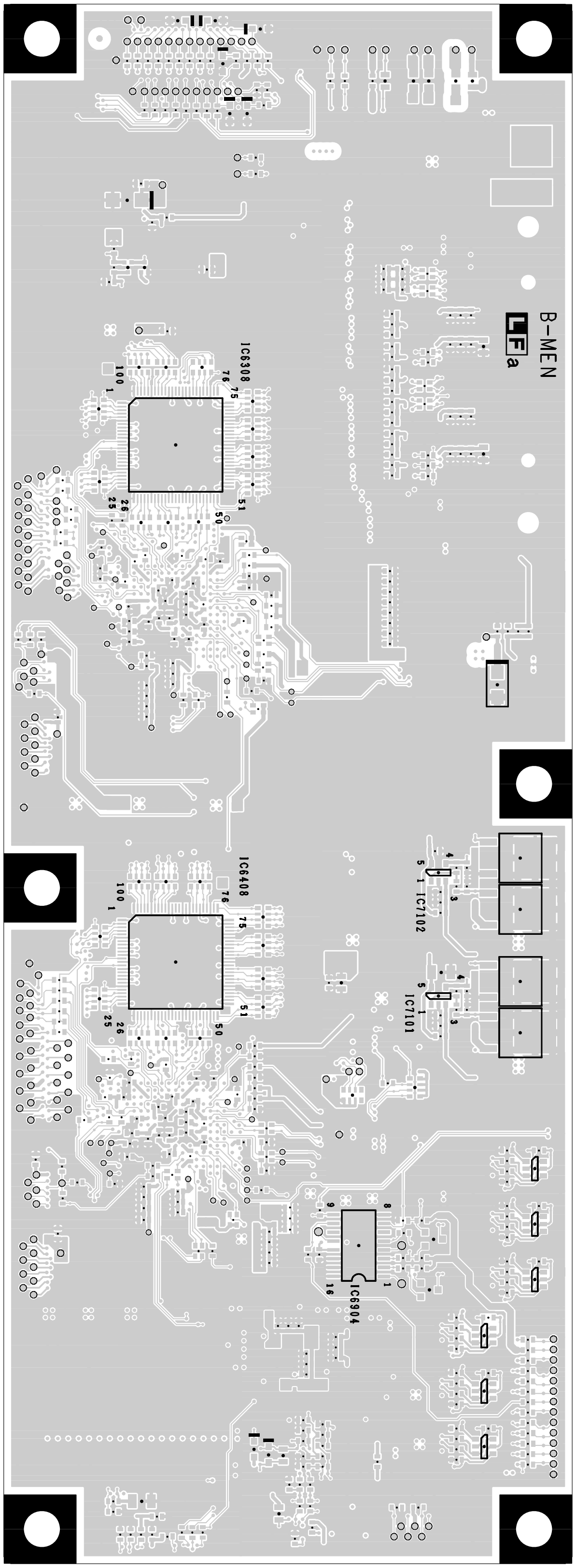
Side-A

T-CON Bottom Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6

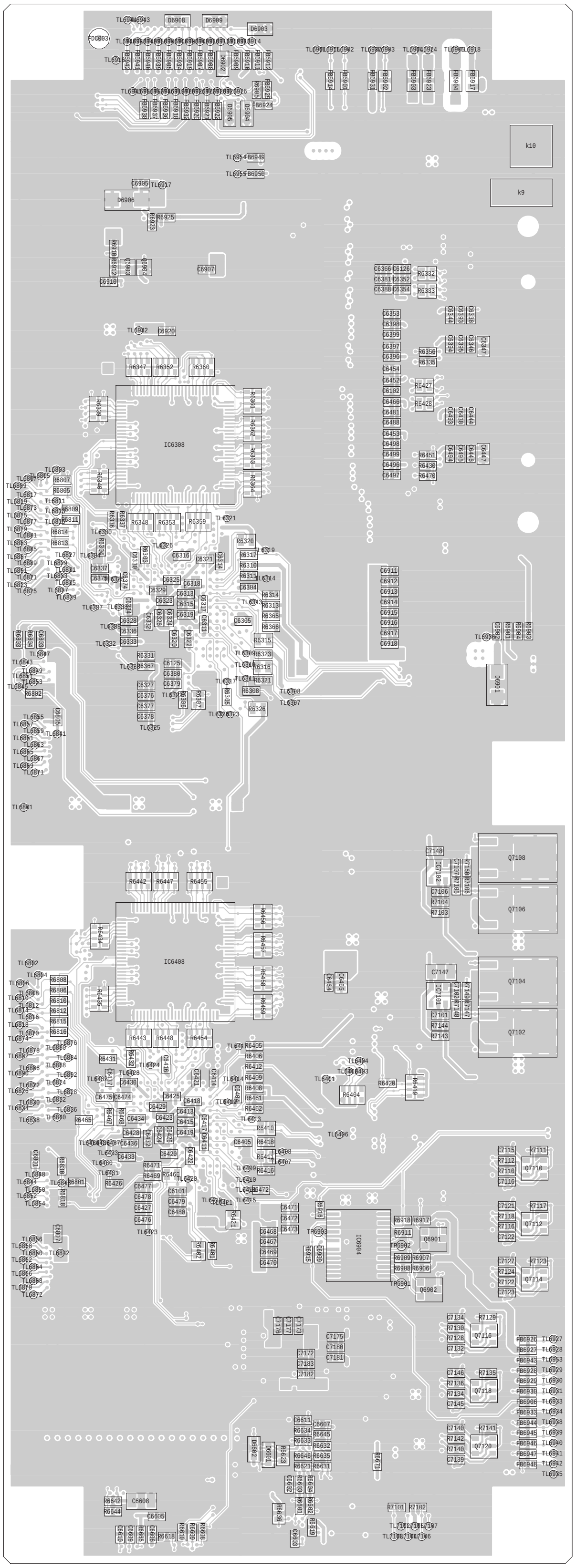
Chip Parts Side-A

■ T-CON Bottom Unit


H
G
F
E
D
C
B
A
IC6308
IC6408
IC7102
IC7101
IC6904
B-MEN
LFa
1
2
3
4
5
6

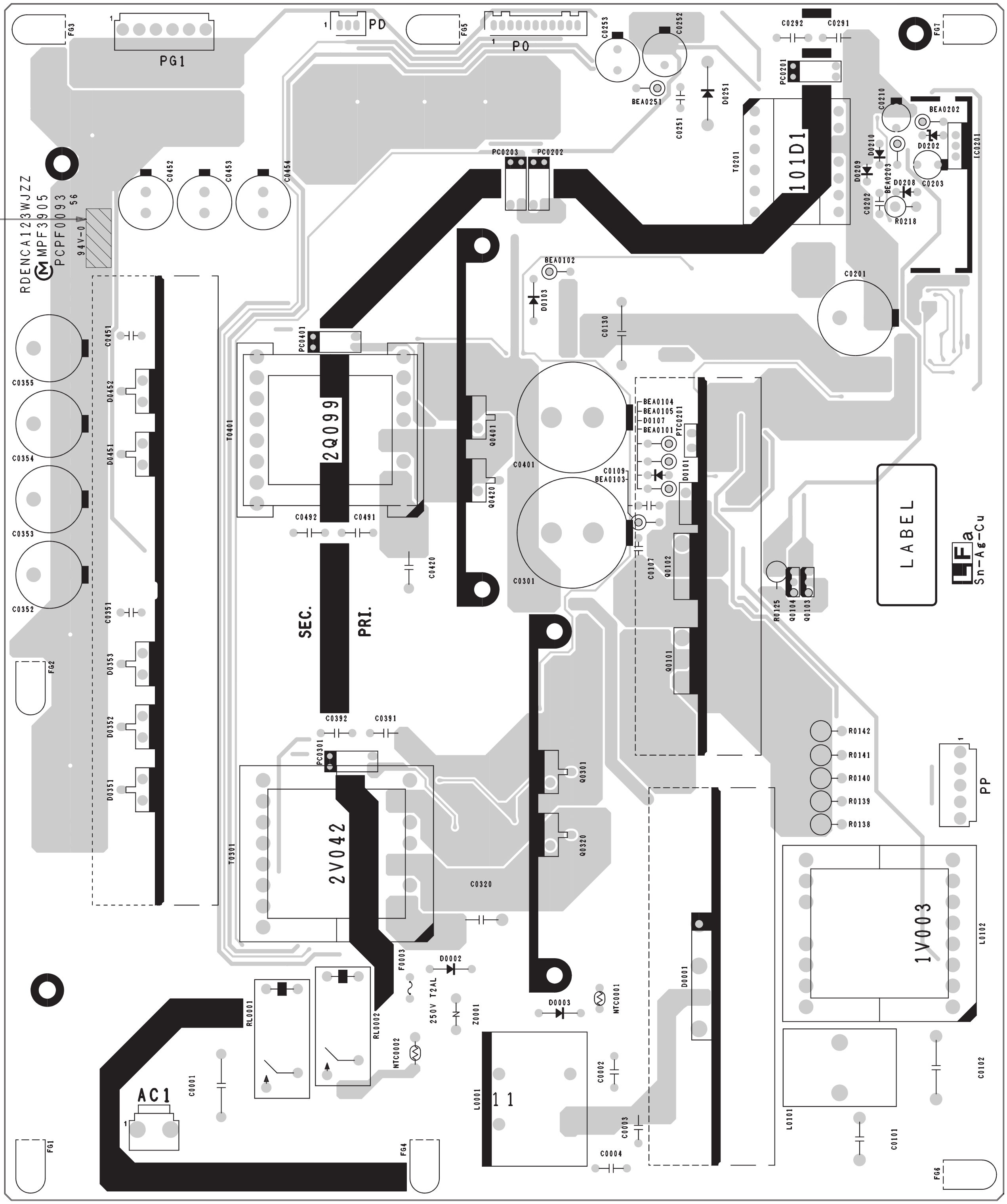
Side-B

T-CON Bottom Unit


IC6300
IC6400
IC6904
k10
k9
H
G
F
E
D
C
B
A
1
2
3
4
5
6

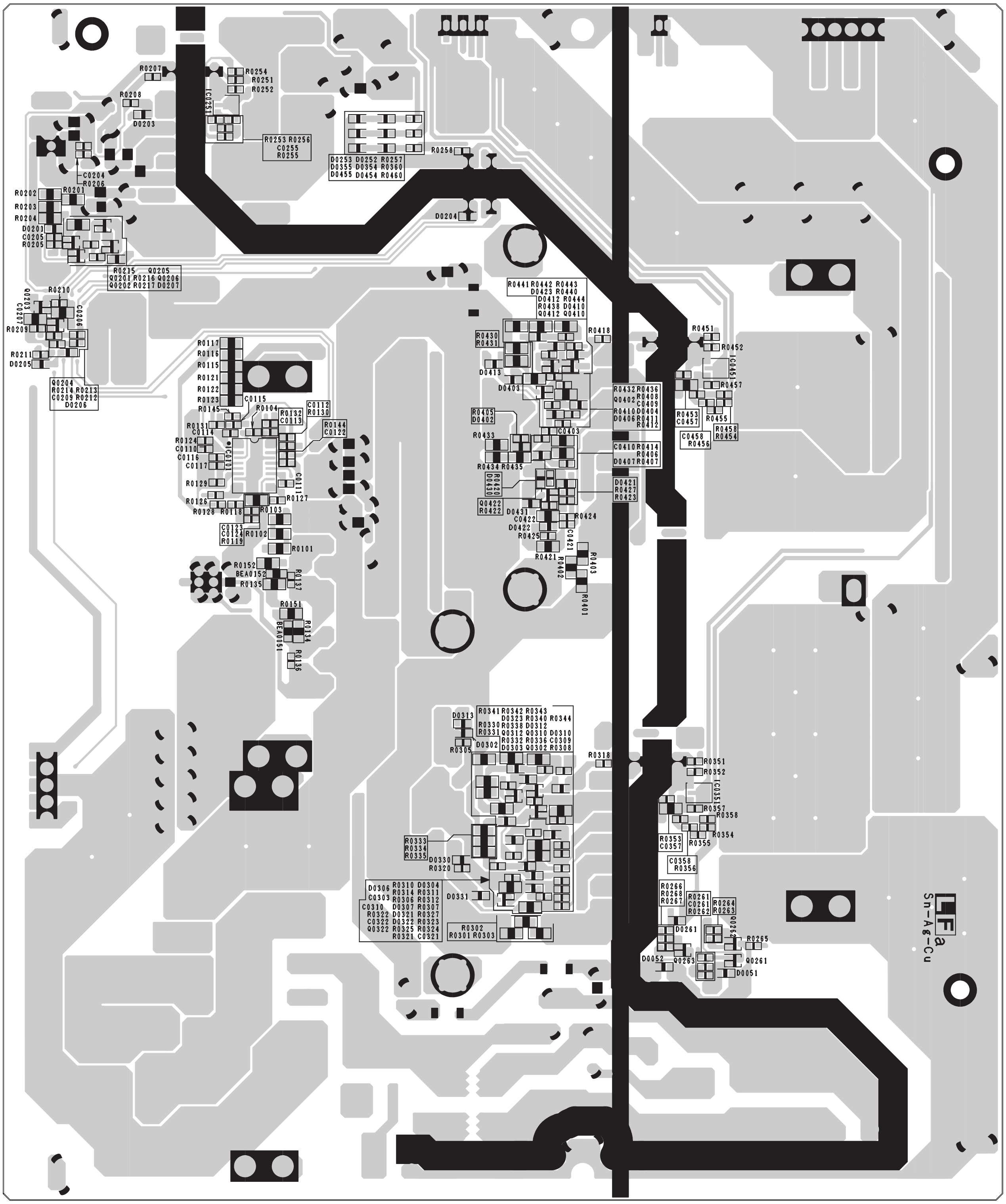
Chip Parts Side-B

POWER SUPPLY Main Unit


PG1
PD
P0
FG3
FG5
FG7
FG2
FG1
FG4
FG6
C0253
C0252
C0292
C0291
PC0201
BEA0251
C0251
D0251
T0201
101D1
C0210
BEA0202
D0210
D0202
IC0201
D0209
BEA0203
D0208
C0203
C0202
R0218
C0201
PC0203
PC0202
C0452
C0453
C0454
RDENCA123WJZZ
MPF3905
PCPF0093
56
94V-0
UL MAKER MARK " " MARK " " MARK " " MARK
BEA0102
D0103
C0130
PC0401
T0401
2Q099
C0451
D0452
D0451
C0355
C0354
C0353
C0352
C0492
C0491
C0420
Q0401
Q0420
C0401
C0301
BEA0104
BEA0105
D0107
BEA0101
PTC0201
C0109
BEA0103
D0101
C0107
Q0102
Q0101
R0125
Q0104
Q0103
LABEL
LF a
Sn-Ag-Cu
SEC.
PRI.
C0351
D0353
D0352
D0351
C0392
C0391
PC0301
T0301
2V042
Q0301
Q0320
C0320
R0142
R0141
R0140
R0139
R0138
PP
1V003
L0102
F0003
D0002
250V T2AL
Z0001
D0003
NTC0001
D0001
RL0001
RL0002
NTC0002
C0001
AC1
L0001
11
C0002
C0003
C0004
L0101
C0101
C0102

Side-A

POWER SUPPLY Main Unit


H
G
F
E
D
C
B
A
1
2
3
4
5
6
R0207
R0254
R0251
R0252
IC0251
R0208
D0203
R0253 R0256
C0255
R0255
D0253 D0252 R0257
D0355 D0354 R0360
D0455 D0454 R0460
R0258
C0204
R0206
R0202
R0201
R0203
R0204
D0201
C0205
R0205
D0204
R0215 Q0205
Q0201 R0216 Q0206
Q0202 R0217 D0207
R0210
Q0203
C0207
C0206
R0209
R0211
D0205
Q0204
R0214 R0213
C0209 R0212
D0206
R0441 R0442 R0443
D0423 R0440
D0412 R0444
R0438 D0410
Q0412 Q0410
R0418
R0451
R0452
IC0451
R0457
R0430
R0431
D0413
D0403
R0117
R0116
R0115
R0121
R0122
R0123
R0145
C0115
R0104
R0132
C0113
C0112
R0130
R0131
C0114
R0144
C0122
R0124
C0110
C0116
C0117
IC0101
C0111
R0129
R0126
R0127
R0128
R0118
R0103
C0123
C0124
R0119
R0102
R0101
R0152
BEA0152
R0135
R0137
R0151
BEA0151
R0134
R0136
R0432 R0436
Q0402 R0408
C0409
R0410 D0404
D0406 R0411
R0412
R0405
D0402
R0433
C0403
C0410 R0414
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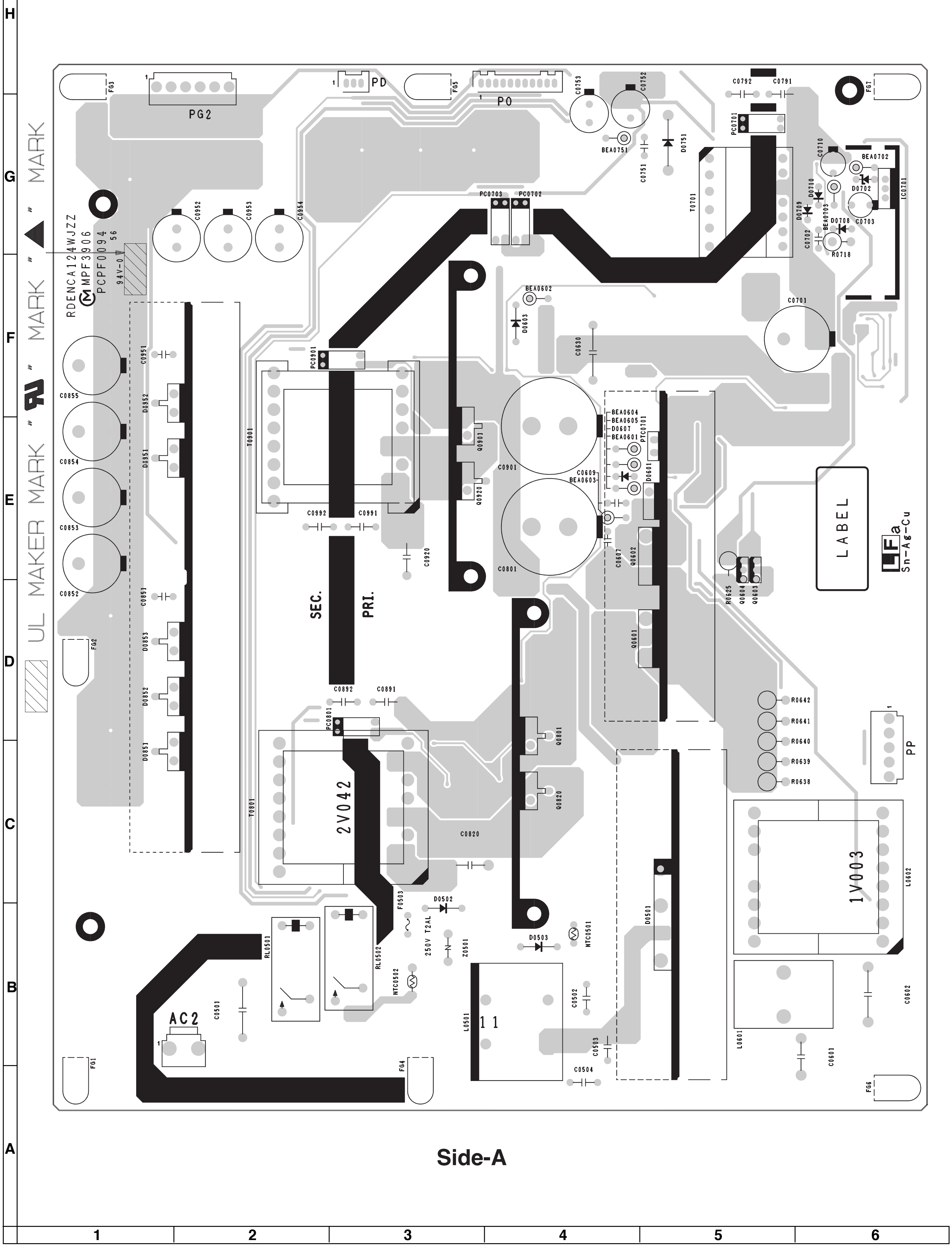
Side-B

■ POWER SUPPLY Sub Unit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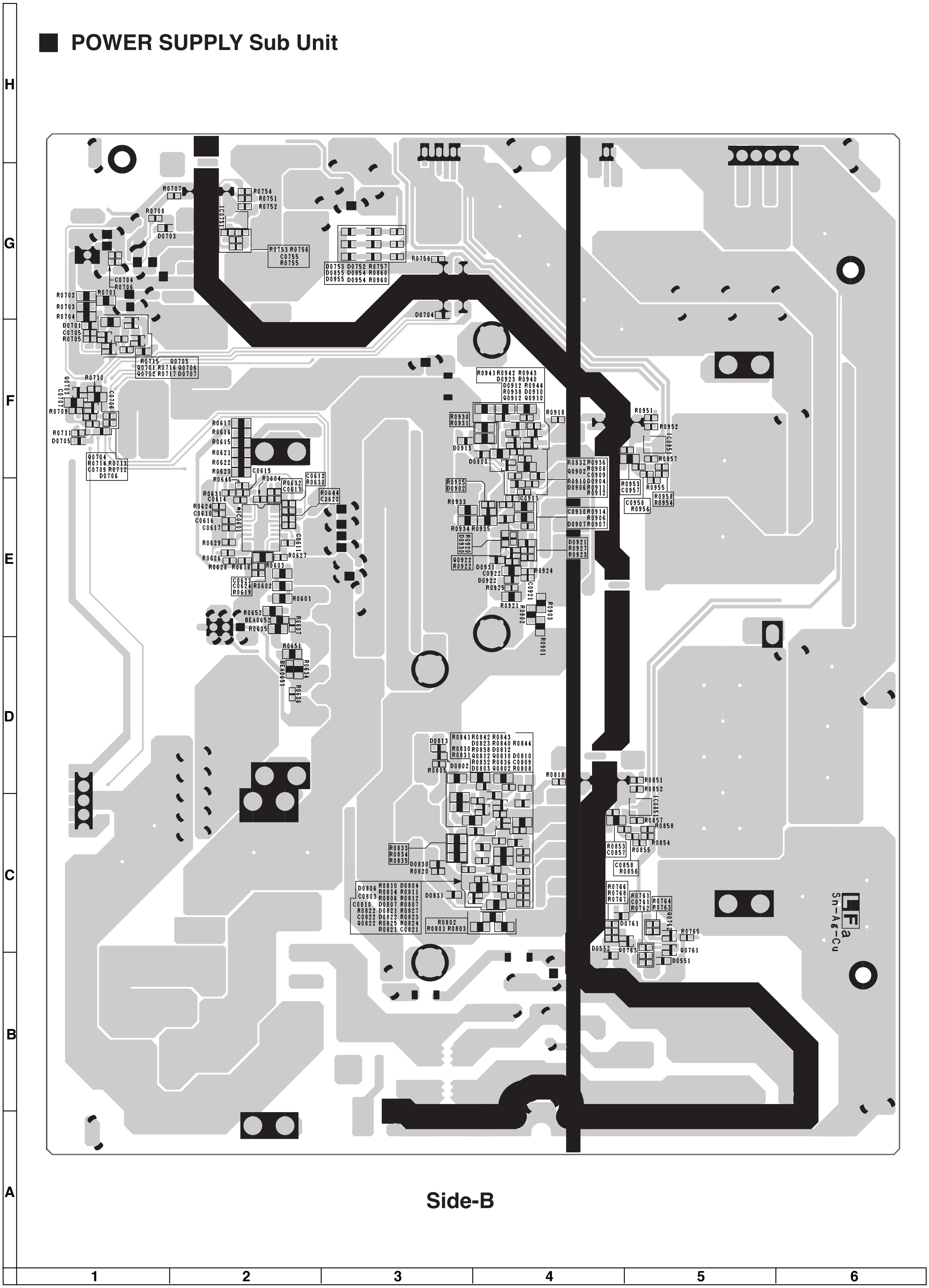
Side-A

POWER SUPPLY Sub Unit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LF
a
Sn-Ag-Cu

Side-B

PARTS LIST

(TU-65GD1E)

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual; electrical components having such features are identified by ⚠ and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which dose no have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

HOW TO ORDER REPLACEMENT PARTS

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

★ MARK: SPARE PARTS-DELIVERY SECTION

PRINTED WIRING BOARD ASSEMBLIES

(NOT REPLACEMENT ITEM)

Only different parts with TU-45GD1E are indicated.

Ref. No.	Part No.	★	Description	Code
	DUNTKC427FE64	J	CPU Unit	BQ
	DUNTKC544FE01	J	PC CARD Unit	BY
	DUNTKC602DE06	–	FRONT Unit	—
	DUNTKC267FE69	–	DVI Unit	—

Change of a part number

Ref. No.	Part No.	★	Description	Code
	DUNTKC480DE19	–	AV Unit (E)	—
	DUNTKC480DE20	–	AV Unit (K)	—
	DUNTKC480DE21	–	AV Unit (F)	—
	DUNTKC480DE22	–	AV Unit (I)	—
	DUNTKC480DE23	–	AV Unit (R)	—
	DUNTKC603DE06	–	AUDIO IF Unit	—
	DUNTKC938FE11	J	MAIN Unit (E)	CR
	DUNTKC938FE12	J	MAIN Unit (K)	CQ
	DUNTKC938FE13	J	MAIN Unit (F)	CQ
	DUNTKC938FE14	J	MAIN Unit (I)	CQ
	DUNTKC938FE16	J	MAIN Unit (R)	CQ
	DUNTKD051FE13	–	TMDS-TX Unit	—

This is the same.

Ref. No.	Part No.	★	Description	Code
	DUNTKC482FE01	J	DVB-T Unit	CP
	RDENCA110WJZZ	–	POWER SUPPLY Unit	—
	RDENCA111WJZZ	–	DC/DC CONVERTER Unit	—
	B2SX4102BT	J	1Bit AMPLIFIER Unit	BL

DUNTKC427FE64
CPU UNIT

INTEGRATED CIRCUIT

Ref. No.	Part No.	★	Description	Code
IC8302	RH-iXB687WJZZQ	J	64Mbit Flash Memory	AW

DUNTKC544FE01
PC CARD UNIT UNIT

INTEGRATED CIRCUIT

Ref. No.	Part No.	★	Description	Code
IC5003	RH-iXB201WJZZQ	J	32Mbit Flash Memory	AS

DUNTKC602DE06
FRONT UNIT

RESISTORS

Ref. No.	Part No.	★	Description	Code
R3001	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R3004	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA

DUNTKC267FE69
DVI UNIT

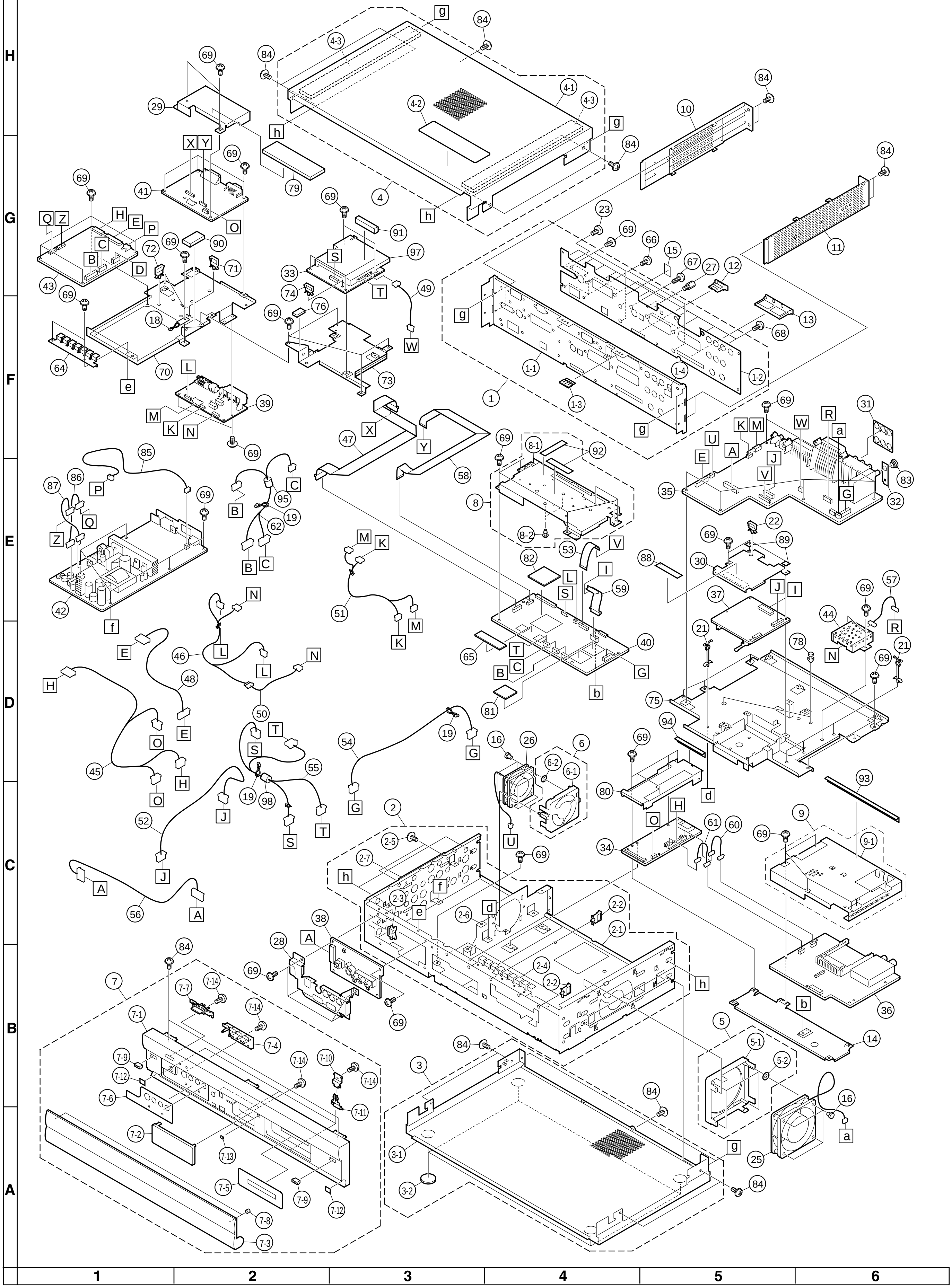
INTEGRATED CIRCUIT

Ref. No.	Part No.	★	Description	Code
IC1911	VHi24LC2BiNBES	J	EEPROM. Video EDiD	AH

CABINET AND MECHANICAL PARTS

Ref. No.	Part No.	★	Description	Code
1	CANGTA130WJ16	J	Rear Panel Ass'y	
1-1	*Not Available*	–	Rear Panel	—
1-2	HiNDPB511WJSA	J	Indication Label	AK
1-3	QEARZA020WJFW	J	Earth Spring, x2	AC
1-4	PFLT-A042WJZZ	J	Earth Sheet	AE
2	CCABAA469WJ06	J	Chassis Frame Ass'y	BB
2-1	*Not Available*	–	Chassis Frame	—
2-2	LHLDW1121GEZZ	J	Wire Holder, x3	AB
2-3	LHLDWA032WJZZ	J	Wire Holder	AD
2-4	QEARBA010WJFW	J	Earth Spring	AG
2-5	XJPSN30P08XS0	J	Screw, x2	AA
2-6	LANGTA106WJFW	J	Chassis Sub	AL
2-7	LANGTA107WJSA	J	Stand Angle	AM
3	CCABBA334WJ07	J	Bottom Cabinet Ass'y	AY
3-1	*Not Available*	–	Bottom Cabinet	—
3-2	GLEGGA034WJZZ	J	Rubber Leg, x4	AD
4	CCABBA389WJ03	J	Top Cabinet Ass'y	BC
4-1	*Not Available*	–	Top Cabinet	—
4-2	TCAUHA049WJSB	J	Caution Label	AD
4-3	PSLDMA571WJZZ	J	Gasket, x2	AQ
5	CHLDZA240WJ01	J	Fan Holder Ass'y	AH
5-1	*Not Available*	–	Fan Holder	—
5-2	PSPAGA133WJZZ	J	Spacer, x4	AB
6	CHLDZA306WJ01	J	Fan Holder Ass'y	AH
6-1	*Not Available*	–	Fan Holder	—
6-2	PSPAGA133WJZZ	J	Spacer, x4	AB
7	CPNLCA143WJ02	J	Front Panel Ass'y	BF
7-1	*Not Available*	–	Front Panel	—
7-2	GCOVAA638WJSA	J	B-CAS Card Cover	AK
7-3	GDORFA169WJSA	J	Door	AW
7-4	HDECQA333WJSA	J	LED Decoration Cover	AF
7-5	HiNDPA758WJSA	J	PC Card Indication Label	AE
7-6	HiNDPA839WJSA	J	Terminal Indication Label	AF
7-7	JBTN-A252WJKA	J	Power Button	AH
7-8	LANGTA121WJFW	J	Hinge Angle, x2	AC
7-9	LHLDZ3057GEZZ	J	Magnet Catch, x2	AE
7-10	LHLDZA323WJSA	J	Hinge Fixed Holder, x3	AL
7-11	MHNG-1072CEZZ	J	Hinge, x3	AH
7-12	PSPAGA191WJZZ	J	Spacer, x2	AB
7-13	PSPAZ0457CESA	J	Spacer	AA
7-14	XEBSN30P08000	J	Screw, x6	AA
8	CSLDMA567WJ02	J	MAIN Shield Ass'y	AX
8-1	*Not Available*	–	MAIN Shield	—
8-2	PSPANA008WJZZ	J	Spacer, x2	AC
9	CSLDMA388WJ01	J	DVB-T Shield Ass'y	AN
9-1	*Not Available*	–	DVB-T Shield	—
10	GCOVAA624WJKA	J	Side Cover(L)	AN
11	GCOVAA625WJKA	J	Side Cover(R)	AN
12	GCOVAA678WJKA	J	SD Cover	AE
13	GCOVHA042WJKA	J	Card Cover	AE
14	LANGTA133WJFW	J	MAIN PWB Angle	AH
15	TLABSA052WJSA	J	Gost Label(TU-65GD1E(R))	AD
16	LBSHZA003WJZZ	J	Fan Bush, x8	AD
17	LHLDW1009CEZZ	J	Wire Holder, x2	AA
18	LHLDW1046CEZZ	J	Wire Holder	AA
19	LHLDW1060CEZZ	J	Wire Holder, x4	AB
21	LHLDW1037CEZZ	J	Wire Holder, x4	AA
22	LHLDWA038WJZZ	J	Wire Holder	AC
23	LX-BZ3434CEFN	J	Screw, x2	AB
25	NFANR0120CEZZ	J	Cooling Fan(S)	AU
26	NFANR0126CEZZ	J	Cooling Fan(L)	AT
27	NSFTZ0134CEFW	J	Shaft Screw, x6	AD
28	PSLDMA303WJFW	J	Front Shield	AL
29	PSLDMA451WJFW	J	TMDS Shield	AH
30	PSLDMA342WJFW	J	PC Card Shield	AF
31	PSLDM4715CEFW	J	RCA Shield	AD
32	QEARPA136WJFW	J	Tuner Earth	AD
33	DUNTKC267FE69	–	DVI Unit	—
34	DUNTKC427FE64	J	CPU Unit	BQ
35	DUNTKC480DE19	–	AV Unit(TU-65GD1E)	—
35	DUNTKC480DE20	–	AV Unit(TU-65GD1E(K))	—
35	DUNTKC480DE21	–	AV Unit(TU-65GD1E(F))	—
35	DUNTKC480DE22	–	AV Unit(TU-65GD1E(I))	—
35	DUNTKC480DE23	–	AV Unit(TU-65GD1E(R)	—
36	DUNTKC482FE01	J	DVB-T Unit	CP
37	DUNTKC544FE01	J	PC CARD Unit	BY
38	DUNTKC602DE06	–	FRONT Unit	—
39	DUNTKC603DE06	–	AUDIO IF Unit	—
40	DUNTKC938FE11	J	MAIN Unit(TU-65GD1E)	CR
40	DUNTKC938FE12	J	MAIN Unit(TU-65GD1E(K))	CQ
40	DUNTKC938FE13	J	MAIN Unit(TU-65GD1E(F))	CQ
40	DUNTKC938FE14	J	MAIN Unit(TU-65GD1E(I))	CQ
40	DUNTKC938FE16	J	MAIN Unit(TU-65GD1E(R))	CQ
41	DUNTKD051FE13	–	TMDS-TX Unit	—
42	RDENCA110WJZZ	–	POWER SUPPLY Unit	—
43	RDENCA111WJZZ	–	DC/DC CONVERTER Unit	—
44	B2SX4102BT	J	1BIT AMP Unit	BL
45	QCNW-C280WJQZ	J	Connecting Cord, (DP) CPU-SUB POW	AQ
46	QCNW-D256WJQZ	J	Connecting Cord, (SC, SH)	AT
47	QPWBHC571WJQZ	J	FPC, (LV) MAIN-TMDS	AX
48	QCNW-C026WJQZ	J	Connecting Cord, (PA)	AH
49	QCNW-C294WJPZ	J	Connecting Cord, (AD)	AL
50	QCNW-C286WJQZ	J	Connecting Cord, (SC) 1BIT-AUDIO)	AK
51	QCNW-D409WJQZ	J	Connecting Cord (SF, SJ)	AM
52	QCNW-D253WJQZ	J	Connecting Cord, (PC)	AL
53	QCNW-D993WJQZ	J	Connecting Cord, (FC)	AE
54	QCNW-C292WJPZ	J	Connecting Cord, (MA)	AY
55	QCNW-D252WJQZ	J	Connecting Cord, (ME. MD)	AS
56	QCNW-C295WJPZ	J	Connecting Cord, (AF)	AY
57	QCNW-C034WJQZ	J	Connecting Cord, (SA) AV-1 BIT	AG
58	QCNW-C806WJQZ	J	Connecting Cord, (LP)	AN
59	QPWBHC572WJQZ	J	FPC, (FP) MAIN-CARD	AN
60	QCNW-C299WJQZ	J	Connecting Cord, (CB) CPU-IBO	AG
61	QCNW-C300WJQZ	J	Connecting Cord, (CA) CPU-IBO	AH
62	QCNW-D251WJQZ	J	Connecting Cord, (PF, PG)	AR
64	QEARBA009WJFW	J	Earth Spring	AG
65	PSPAZA644WJKZ	J	Spacer	AG
66	XBPSN30P06000	J	Screw, x4	AA
67	XEBSN26P06000	J	Screw	AA
68	XEBSN30P08000	J	Screw, x6	AA
69	XJPSN30P08XS0	J	Screw, x68	AA
70	LANGTA168WJFW	J	Fixing Metal	AP
71	LHLDWA023WJKZ	J	Wire Holder	AC
72	LHLDW1121GEZZ	J	Wire Holder	AB
73	LANGTA116WJN1	J	DVI Angle	AN
74	LHLDWA035WJZZ	J	Holder	AC
75	LANGTA131WJN2	J	TMDS PWB Angle	AT
76	PSPAGA202WJZZ	J	DVI Spacer	AA
78	PSPANA004WJZZ	J	Spacer, x2	AC
79	PMLT-A119WJZZ	J	Absorber	AE
80	PSLDMA389WJFW	J	CPU Shield	AM
81	PSPAZA398WJKA	J	Spacer, x3	AK
82	PSPAZA478WJKZ	J	Spacer	AP
83	QEARZ0057CEFW	J	Tuner Earth Spring	AB
84	XJPS930P08XS0	J	Screw, x16	AA
85	95KECB8161ZZ	J	Connecting Cord, (PK)	AL
86	95KECB8162ZZ	J	Connecting Cord, (PJ)	AL
87	95KECB8163ZZ	J	Connecting Cord, (PI)	AL
88	PFLT-A039WJZZ	J	Felt	AF
89	PFLT-A040WJZZ	J	Felt, x2	AD
90	PSLDMA470WJZZ	J	Shield	AE
91	PSLDMA477WJZZ	J	Shield	AF
92	PSLDMA479WJZZ	J	Shield, x2	AG
93	PSLDMA480WJZZ	J	Shield	AK
94	PSLDMA481WJZZ	J	Shield	AH
95	RCORFA020WJZZ	J	Core	AN
97	PSLDMA328WJFW	J	Shield	AF
98	RCORFA025WJZZ	J	Core	AK
99	GCOVAB048WJZZ	J	Cover	AD

CABINET AND MECHANICAL PARTS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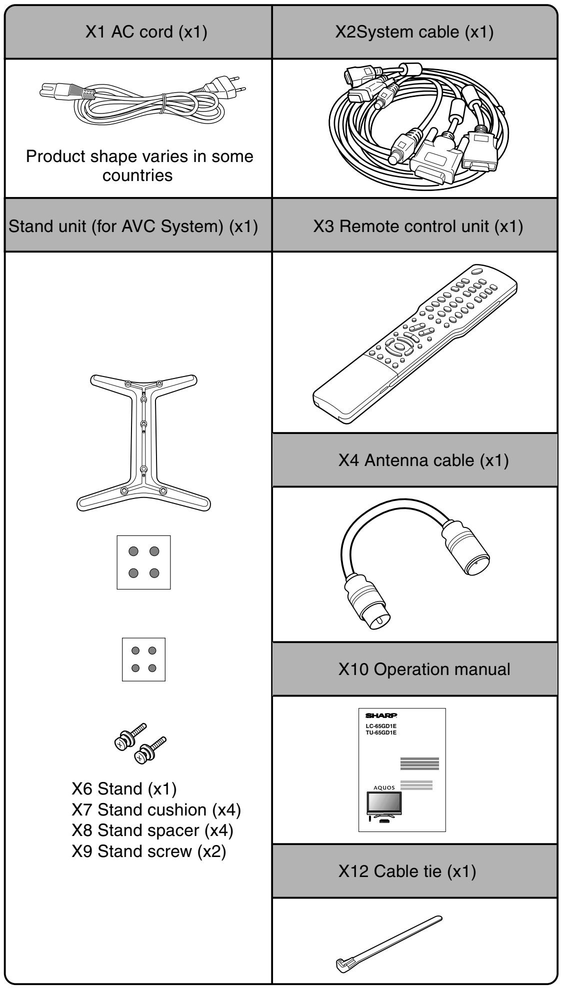
SUPPLIED ACCESSORIES

Ref. No.	Part No.	★	Description	Code
⚠ X1	QACCBA021WJPZ	J	AC Cord(TU-65GD1E(K))	AS
⚠ X1	QACCKA007WJPZ	J	AC Cord (TU-65GD1E/E(F)/E(I)/E(R))	AK
X2	QCNW-C656WJZZ	J	System cable	BH
X3	RRMCGA258WJSA	J	Remote Control Unit	BA
X4	QCNW-D448WJZZ	J	Antenna Cable	AL
X5	RCORFA020WJZZ	J	Core(for AC cord)	AN
X5	RCORFA057WJZZ	J	Core(for AC cord)	
X6	GDAi-A104WJSA	J	Stand	AX
X7	GLEGGA013WJZZ	J	Stand Cushion, x4	AC
X8	PSPAHA314WJZZ	J	Stand Spacer, x4	AC
X9	XBPSN50P16JS0	J	Stand Screw, x2	AB
X10	TiNS-C096WJZZ	J	Operation Manual (TU-65GD1E/E(K)/E(F)/E(I))	BC
X10	TiNS-C097WJZZ	J	Operation Manual (TU-65GD1E/E(F))	BC
X10	TiNS-C098WJZZ	J	Operation Manual (TU-65GD1E)	BC
X10	TiNS-C099WJZZ	J	Operation Manual (TU-65GD1E/E(F))	BC
X10	TiNS-C100WJZZ	J	Operation Manual (TU-65GD1E(R))	AW
X11	TCAUZA212WJZZ	J	Caution Card	AK
X12	LHLDWA083WJ00	J	Cable Tie	AD
	TGAN-1688CEN1	J	Guarantee Card (TU-65GD1E(K))	AN
	TGAN-A077WJZZ	J	Guarantee Card (TU-65GD1E(R))	AE

AVC System


X1 AC cord (x1)
X2System cable (x1)
Product shape varies in some countries
Stand unit (for AVC System) (x1)
X3 Remote control unit (x1)
X4 Antenna cable (x1)
X10 Operation manual
SHARP
LC-65GD1E
TU-65GD1E
AQUOS
X6 Stand (x1)
X7 Stand cushion (x4)
X8 Stand spacer (x4)
X9 Stand screw (x2)
X12 Cable tie (x1)

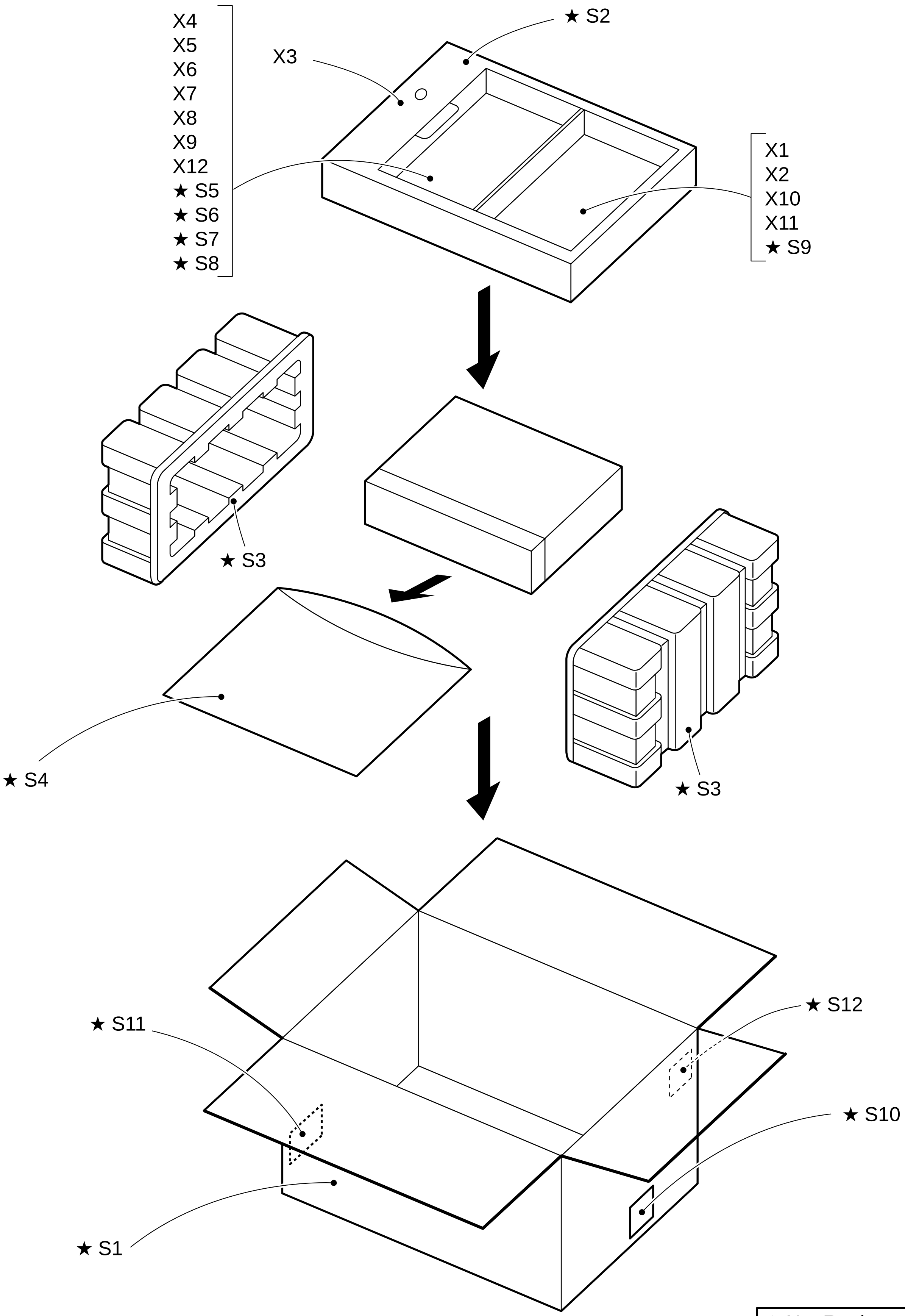
PACKING PARTS
(NOT REPLACEMENT ITEM)

Ref. No.	Part No.	★	Description	Code
S1	SPAKCC298WJZZ	–	Packing Case	—
S2	SPAKFA739WJZZ	–	Packing Material	—
S3	SPAKXA396WJZZ	–	Buffer Material	—
S4	SPAKPA381WJZZ	–	Wrapping Paper	—
S5	SSAKA0170CEZZ	–	Polyethylene Bag (A4)	—
S6	SSAKA0219CEZZ	–	Polyethylene Bag	—
S7	SPAKPA321WJZZ	–	Wrapping Paper	—
S8	SSAKAA028WJZZ	–	Polyethylene Bag	—
S9	SSAKA1111CEZZ	–	Polyethylene Bag	—
S10	TLABSA050WJZZ	–	Green dot Label (TU-65GD1E(F))	—
S11	TLABSA053WJZZ	–	Gost Label(TU-65GD1E(R))	—
S12	TLABK0001TAZZ	–	Label	—

SERVICE JIGS
(Use For Servicing)

Ref. No.	Part No.	★	Description	Code
	QCNW-C875WJQZ	J	12pins, L=300mm, Main Unit to TMDS-Tx (LP)	AX

PACKING OF THE SET (TU-65GD1E)


X4
X5
X6
X7
X8
X9
X12
★ S5
★ S6
★ S7
★ S8
X3
★ S2
X1
X2
X10
X11
★ S9
★ S3
★ S4
★ S3
★ S11
★ S12
★ S10
★ S1

★ Not Replacement Item

PARTS LIST

(LC-65GD1E)

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual; electrical components having such features are identified by ⚠ and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which dose no have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

HOW TO ORDER REPLACEMENT PARTS

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION

★ MARK: SPARE PARTS-DELIVERY SECTION

PRINTED WIRING BOARD ASSEMBLIES

(NOT REPLACEMENT ITEM)

Ref. No.	Part No.	★	Description	Code
	DUNTKD222VJ08	–	TMDS-RX Unit	—
	DUNTKD223UJ04	–	Key Unit	—
	DUNTKD224UJ04	–	R/C, LED Unit	—
	DUNTKD225UJ04	–	Speaker Terminal Unit	—
	DUNTKD226UJ04	–	Line Filter Unit	—
	DUNTKD228VJ04	–	LVDS Repeater Unit	—
	DUNTKD256UJ04	–	Inverter-1 Unit	—
	DUNTKD257UJ04	–	Inverter-2 Unit	—
	DUNTKD258UJ04	–	Inverter-3 Unit	—
	DUNTKD259UJ04	–	Inverter-4 Unit	—
	DUNTKD260UJ04	–	Inverter-5 Unit	—
	DUNTKD261UJ04	–	Inverter-6 Unit	—
	DUNTKD579UJ05	–	T-CON Top Unit	—
	DUNTKD580UJ05	–	T-CON Bottom Unit	—
	RDENCA152WJQZ	–	Power Supply Main Unit	—
	RDENCA153WJQZ	–	Power Supply Sub Unit	—

LCD PANEL

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

Ref. No.	Part No.	★	Description	Code
	RLCDTA056WJZZ	J	65" Wide LCD Panel Unit	

LAMP

Ref. No.	Part No.	★	Description	Code
	KLMP-A079WJZZ	J	Lamp	BE

DUNTKD222VJ08
TMDS-RX UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC5301	VHiSii1169+-1Q	J	SII1169CTU	BA
IC5302	VHiM62332FP-1Y	J	M62332FP	AL
IC5305	VHi24LC2BiN5ES	J	24LC02B-I/SN	AH
IC5306	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC5307	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC5403	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC5404	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC5501	VHiTLVD823+-1Q	J	THC63LVD823	AY
IC5502	VHiTLVD823+-1Q	J	THC63LVD823	AY

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q5304	VSDTC114EE/-1Y	J	DTC114EE	AB
Q5305	VSDTA114EE/-1Y	J	DTA114EE	AB
Q5306	VS2SK536///-1Y	J	2SK536	AE
Q5307	VS2SK536///-1Y	J	2SK536	AE
Q5308	VS2SK536///-1Y	J	2SK536	AE
Q5309	VS2SK536///-1Y	J	2SK536	AE
Q5310	VSDTC114EE/-1Y	J	DTC114EE	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D5302	RH-EX0260TAZZY	J	Zener Diode, 6.2V	AB
D5303	RH-EX0260TAZZY	J	Zener Diode, 6.2V	AB
D5305	RH-EX0260TAZZY	J	Zener Diode, 6.2V	AB
D5307	RH-EX0260TAZZY	J	Zener Diode, 6.2V	AB
D5309	RH-EX0260TAZZY	J	Zener Diode, 6.2V	AB
D5310	RH-EX0260TAZZY	J	Zener Diode, 6.2V	AB
D5311	RH-EX0260TAZZY	J	Zener Diode, 6.2V	AB
D5312	RH-EX0260TAZZY	J	Zener Diode, 6.2V	AB
D5313	RH-EX0260TAZZY	J	Zener Diode, 6.2V	AB
D5314	RH-EX0260TAZZY	J	Zener Diode, 6.2V	AB
D5315	RH-EX0260TAZZY	J	Zener Diode, 6.2V	AB
D5316	VHDDAN202K/-1Y	J	DAN202K	AB
D5317	VHDHSU119//-1Y	J	HSU119	AB
D5318	RH-EX0260TAZZY	J	Zener Diode, 6.2V	AB
D5319	RH-EX0260TAZZY	J	Zener Diode, 6.2V	AB
D5320	VHDDA221///-1Y	J	DA221	AB
D5321	VHDDA221///-1Y	J	DA221	AB
D5322	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D5323	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D5324	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D5325	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D5401	VHDFUJ3C+++-1Y	J	FUJ3C1	AD
D5402	VHDFUJ3C+++-1Y	J	FUJ3C1	AD

COILS AND FILTERS

Ref. No.	Part No.	★	Description	Code
FL5301	RFiLNA044WJZZY	J	Filter	AC
FL5302	RFiLNA044WJZZY	J	Filter	AC
FL5303	RFiLNA044WJZZY	J	Filter	AC
FL5304	RFiLNA044WJZZY	J	Filter	AC
FL5305	RFiLNA044WJZZY	J	Filter	AC
FL5306	RFiLNA044WJZZY	J	Filter	AC
FL5307	RFiLNA044WJZZY	J	Filter	AC
FL5308	RFiLNA044WJZZY	J	Filter	AC
FL5309	RFiLNA044WJZZY	J	Filter	AC
FL5310	RFiLNA044WJZZY	J	Filter	AC
FL5311	RFiLNA044WJZZY	J	Filter	AC
FL5312	RFiLNA044WJZZY	J	Filter	AC
FL5313	RFiLNA044WJZZY	J	Filter	AC
FL5314	RFiLNA044WJZZY	J	Filter	AC
FL5315	RFiLNA044WJZZY	J	Filter	AC
FL5316	RFiLNA044WJZZY	J	Filter	AC
FL5317	RFiLNA044WJZZY	J	Filter	AC
FL5318	RFiLNA044WJZZY	J	Filter	AC
FL5319	RFiLNA044WJZZY	J	Filter	AC
FL5320	RFiLNA044WJZZY	J	Filter	AC
FL5321	RFiLNA044WJZZY	J	Filter	AC
FL5322	RCiLFA134WJZZY	J	Coil	AF
FL5323	RCiLFA134WJZZY	J	Coil	AF
FL5324	RCiLFA134WJZZY	J	Coil	AF
FL5325	RCiLFA134WJZZY	J	Coil	AF
FL5401	RFiLN0023TAZZY	J	Filter	AC

DUNTKD222VJ08
TMDS-RX UNIT(Continued)

Ref. No.	Part No.	★	Description			Code
FL5402	RFiLN0023TAZZY	J	Filter			AC
FL5403	RFiLN0023TAZZY	J	Filter			AC
FL5404	RFiLN0023TAZZY	J	Filter			AC
L5405	RCiLP0343TAZZY	J	Coil			AD
L5406	RCiLP0301TAZZY	J	Coil			AF
L5407	RCiLP0343TAZZY	J	Coil			AD
L5408	RCiLP0303TAZZY	J	Coil			AG
L5409	RCiLP0343TAZZY	J	Coil			AD
L5501	RCiLFA071WJZZY	J	Coil			AD
L5502	RCiLFA071WJZZY	J	Coil			AD
L5503	RCiLFA071WJZZY	J	Coil			AD
L5504	RCiLFA071WJZZY	J	Coil			AD
L5505	RCiLFA071WJZZY	J	Coil			AD
L5506	RCiLFA071WJZZY	J	Coil			AD
L5507	RCiLFA071WJZZY	J	Coil			AD
L5508	RCiLFA071WJZZY	J	Coil			AD
L5509	RCiLFA071WJZZY	J	Coil			AD
L5510	RCiLFA071WJZZY	J	Coil			AD
L5511	RCiLFA071WJZZY	J	Coil			AD
L5512	RCiLFA071WJZZY	J	Coil			AD
L5513	RCiLFA071WJZZY	J	Coil			AD
L5514	RCiLFA071WJZZY	J	Coil			AD
L5515	RCiLFA071WJZZY	J	Coil			AD
L5516	RCiLFA071WJZZY	J	Coil			AD
L5517	RCiLFA071WJZZY	J	Coil			AD
L5518	RCiLFA071WJZZY	J	Coil			AD
L5519	RCiLFA071WJZZY	J	Coil			AD
L5520	RCiLFA071WJZZY	J	Coil			AD

CAPACITORS

Ref. No.	Part No.	★	Description			Code
C5301	VCEASX1EN336MY	J	33	25V	Electrolytic	AC
C5302	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5303	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C5304	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5305	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C5307	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C5308	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C5309	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C5310	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C5311	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C5312	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C5313	VCEASX1CN476MY	J	47	16V	Electrolytic	AC
C5314	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5315	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5318	VCAAPD0JJ127MY	J	120	6.3V	Electrolytic	AF
C5320	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5321	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5322	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5323	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5324	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5325	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5326	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5327	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5328	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C5329	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5330	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5331	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C5332	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5333	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5334	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5336	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C5337	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5338	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C5339	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5340	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5341	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C5342	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C5343	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5344	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5345	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C5346	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5347	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C5348	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C5349	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5350	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C5351	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5352	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5353	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5354	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5355	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5356	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5357	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5358	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5359	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5360	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5361	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5362	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5363	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5364	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5365	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C5366	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C5367	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5368	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5369	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C5370	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5371	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5372	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5373	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5374	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5375	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5376	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5377	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5456	VCAAPC1DJ476MY	J	47	20V	Electrolytic	AG
C5458	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5461	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C5462	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C5467	VCAAPC1DJ476MY	J	47	20V	Electrolytic	AG
C5468	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C5469	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C5470	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C5504	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5505	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5506	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5507	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5508	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5509	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5510	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5511	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5512	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5513	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5514	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5515	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5516	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5517	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5518	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5519	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5520	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5524	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5525	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5526	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5527	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5528	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5529	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5530	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5531	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5532	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5533	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5534	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5535	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5536	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5537	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5538	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5539	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C5540	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C5541	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5542	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5543	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C5544	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC

DUNTKD222VJ08
TMDS-RX UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
C5545	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C5546	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC

RESISTORS

Ref. No.	Part No.	★	Description	Code
R5301	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5302	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5304	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R5305	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R5306	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5308	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5309	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R5310	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R5311	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R5312	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R5313	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5314	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5315	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5316	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5317	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5318	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5321	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R5322	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R5324	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5326	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5328	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5329	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5330	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5331	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R5332	VRS-CY1JF100FY	J	10 1/16W Metal Oxide	AB
R5333	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5334	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R5335	VRS-CY1JF100FY	J	10 1/16W Metal Oxide	AB
R5336	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R5339	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R5341	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R5342	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R5343	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5344	VRS-CY1JF391FY	J	390 1/16W Metal Oxide	AA
R5346	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5348	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5349	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5353	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5354	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5362	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R5364	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R5365	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R5366	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R5367	VRS-CY1JF222JY	J	2.2k 1/16W Metal Oxide	AA
R5368	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5369	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5370	VRS-TQ2BD000JY	J	0 1/8W Metal Oxide	AA
R5371	VRS-TQ2BD000JY	J	0 1/8W Metal Oxide	AA
R5413	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R5418	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R5420	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R5421	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R5422	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R5423	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5424	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R5425	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R5426	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R5427	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R5428	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R5429	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R5430	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R5440	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R5445	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R5446	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R5447	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R5448	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R5449	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R5450	VRK-CD1JJ330JY	J	33 1/16W Metal Composition	AC
R5457	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R5502	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5503	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5504	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5505	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5506	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5510	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5511	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5512	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5513	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5514	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5517	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5518	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5519	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5520	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R5521	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R5522	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R5523	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R5524	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R5525	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R5526	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R5527	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R5528	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R5529	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R5530	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R5531	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC
R5532	VRK-CD1JJ680JY	J	68 1/16W Metal Composition	AC

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB5322	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB5323	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB5324	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB5325	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB5326	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB5327	RBLN-A201WJZZY	J	Balun, BLN-A201WJ	AB
FB5328	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB5329	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
FB5330	RBLN-0065TAZZY	J	Balun, BLN-0065TA	AA
FB5331	RBLN-0254TAZZY	J	Balun, BLN-0254TA	AB
FB5332	RBLN-0060TAZZY	J	Balun, BLN-0060TA	AB
FB5333	RBLN-0254TAZZY	J	Balun, BLN-0254TA	AB
FB5334	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB5335	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
FB5336	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
FB5337	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
FB5338	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
FB5401	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB5402	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB5403	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB5404	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB5413	RBLN-0252TAZZY	J	Balun, BLN-0252TA	AA
FB5414	RBLN-0252TAZZY	J	Balun, BLN-0252TA	AA
FB5418	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
FB5419	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
FB5420	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
FB5421	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
FB5422	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
FB5501	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB5502	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB5503	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB5504	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB5505	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB5506	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB5507	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB5510	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
FB5511	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
FB5512	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
FB5513	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
FB5514	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
FB5515	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
FB5516	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
FB5517	RBLN-1037CEZZY	J	Balun, BLN-1037CE	AB
J5301	QSOCDA016WJZZ	J	Socket, 8Pin	AG
L5301	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5410	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5411	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC

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TMDS-RX UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
L5412	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5413	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5414	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5415	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5416	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5417	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5418	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5419	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5420	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5421	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5422	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5423	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5424	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5425	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5426	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5427	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5428	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5429	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5430	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5431	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5432	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5433	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
L5434	RBLN-A092WJZZY	J	Balun, BLN-A092WJ	AC
P5301	QPLGNA177WJZZY	J	Plug, 8Pin(SO)	AE
P5302	QPLGNA413WJZZY	J	Plug, 30Pin	AH
P5401	QPLGNA176WJZZY	J	Plug, 7Pin	AE
SC5302	QSOCNA423WJPZ	J	Socket, 34Pin	AK
SC5303	QSOCZ2015CEZZ	J	Socket,22Pin	AG
SC5501	QSOCNA289WJZZY	J	Socket, 32Pin	AP
SC5502	QSOCNA289WJZZY	J	Socket, 32Pin	AP
LUG5301	QLUGHA006WJZZY	J	Lug	AC
LUG5302	QLUGHA006WJZZY	J	Lug	AC
LUG5303	QLUGHA006WJZZY	J	Lug	AC
LUG5304	QLUGHA006WJZZY	J	Lug	AC
LUG5305	QLUGHA006WJZZY	J	Lug	AC
LUG5306	QLUGHA006WJZZY	J	Lug	AC
	QCNW-D603WJQZ	J	Connecting Cord	AR
	QCNW-D604WJQZ	J	Connecting Cord	AF
	GCOVAA923WJKA	J	Cover	AN
	LANGQA014WJFW	J	Fixing Metal	AM
	NSFTZ0134CEFW	J	Shaft	AD
	LX-BZ3434CEFN	J	Screw	AB
	XBBS830P06000	J	Screw	AA
	XBPS730P08JS0	J	Screw	AB

DUNTKD223UJ04
KEY UNIT

TRANSISTOR

Ref. No.	Part No.	★	Description	Code
Q151	VSDTC314TK/-1Y	J	DTC314TK	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D151	RH-EXA092WJZZY	J	Zener Diode, 12V	AB
D152	RH-EXA092WJZZY	J	Zener Diode, 12V	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R151	VRS-CY1JF822JY	J	8.2k 1/16W Metal Oxide	AA
R152	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R153	VRS-CY1JF822JY	J	8.2k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
P151	QPLGNA326WJZZY	J	Plug, 6Pin(KM)	AC
S151	QSW-K0108CEZZY	J	Switch	AD
S152	QSW-K0108CEZZY	J	Switch	AD
S153	QSW-K0108CEZZY	J	Switch	AD
S154	QSW-K0108CEZZY	J	Switch	AD
S155	QSW-K0108CEZZY	J	Switch	AD
S156	QSW-P0035GEZZ	J	Switch	AF

DUNTKD224UJ04
R/C, LED UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC101	VHITPS850++-1Y	J	TPS850	AG
IC102	VHiTC7SH08U-1Y	J	TC7SH08FU	AF

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q101	VS2SC2712Y/-1Y	J	2SC2712Y	AB
Q102	VS2SC2712Y/-1Y	J	2SC2712Y	AB
Q103	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q104	VS2SC3928AR-1Y	J	2SC3928AR	AB

DIODES AND LED'S

Ref. No.	Part No.	★	Description	Code
D101	RH-PX0210TAZZY	J	BRPG1211C-TR	AC
D102	RH-PX0202TAZZY	J	GR1102W-330-TR	AC
D103	RH-EXA092WJZZY	J	Zener Diode, 12V	AB
D105	RH-PX0202TAZZY	J	GR1102W-330-TR	AC

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C101	VCEASX1CN106MY	J	10 16V Electrolytic	AC
C102	VCKYCY1HF103ZY	J	0.01 50V Ceramic	AA
C103	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C104	VCKYTV1CF225ZY	J	2.2 16V Ceramic	AB
C105	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R101	VRS-CY1JF273JY	J	27k 1/16W Metal Oxide	AA
R102	VRS-CY1JF393JY	J	39k 1/16W Metal Oxide	AA
R104	VRS-CY1JF151JY	J	150 1/16W Metal Oxide	AA
R105	VRS-CY1JF681JY	J	680 1/16W Metal Oxide	AA
R107	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R108	VRS-CY1JF431JY	J	430 1/16W Metal Oxide	AA
R109	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R110	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R112	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R114	VRS-CY1JF431JY	J	430 1/16W Metal Oxide	AA
R115	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R118	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
P101	QPLGNA329WJZZY	J	Plug, 9Pin(RM)	AD
RMC101	RRMCUA037WJZZ	J	Remote Receiver	AF
SLD101	PSLDM4646CEFW	J	Shield	AD
	QCNW-E021WJQZ	J	Connecting Cord	AD

DUNTKD225UJ04
SPEAKER TERMINAL UNIT

DIODE

Ref. No.	Part No.	★	Description	Code
D207	RH-EXA092WJZZY	J	Zener Diode, 12V	AB

PACKAGED CIRCUIT

Ref. No.	Part No.	★	Description	Code
TH201	VHHM1103J03-1Y	J	Thermistor	AC

CAPACITOR

Ref. No.	Part No.	★	Description	Code
C201	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
J203	QTANAA003WJZZ	J	Terminal	AH
P202	QPLGNA164WJZZY	J	Plug, 8Pin(SO)	AE
LUG201	QLUGHA002WJZZ	J	Lug	AB
LUG202	QLUGHA002WJZZ	J	Lug	AB
LUG203	QLUGHA002WJZZ	J	Lug	AB
LUG204	QLUGHA002WJZZ	J	Lug	AB

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LINE FILTER UNIT

DIODE

Ref. No.	Part No.	★	Description	Code
⚠VA702	RH-VXA018WJN1	J	Varistor	AD

COILS

Ref. No.	Part No.	★	Description	Code
⚠L701	RCiLFA188WJQZ	J	Coil	AH
⚠L702	RCiLFA188WJQZ	J	Coil	AH
⚠L703	RCiLFA188WJQZ	J	Coil	AH
⚠L704	RCiLFA188WJQZ	J	Coil	AH

CAPACITORS

Ref. No.	Part No.	★	Description	Code
⚠C701	RC-FZ029SCEZZ	J	0.22 AC275V	AD
⚠C706	RC-FZ029SCEZZ	J	0.22 AC275V	AD
⚠C711	RC-KZ0091GEZZ	J	2200p 250V Ceramic	AC
⚠C712	RC-KZ0091GEZZ	J	2200p 250V Ceramic	AC
⚠C713	RC-KZ0091GEZZ	J	2200p 250V Ceramic	AC
⚠C714	RC-KZ0091GEZZ	J	2200p 250V Ceramic	AC

RESISTORS

Ref. No.	Part No.	★	Description	Code
⚠R701	RR-HZA011WJN1	J	560k	AC
⚠R703	RR-HZ0008GEN1	J	3.9M 1W	AC
⚠R704	RR-HZ0008GEN1	J	3.9M 1W	AC
⚠R705	RR-HZA011WJN1	J	560k	AC

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠F701	QFS-DA010WJZZ	J	Fuse, 12A/250V	AE
⚠FH701	QFSHDA010WJQZ	J	Fuse Holder	AC
⚠FH702	QFSHDA010WJQZ	J	Fuse Holder	AC
⚠P701	QPLGN0269GEZZ	J	Plug, 2Pin	AB
⚠P702	QPLGN0469GEZZ	J	Plug, 4Pin(AC)	AE
P799	QSOCAA011WJQZ	J	Socket,	AU
LUG701	QLUGHA002WJZZ	J	Lug	AB
LUG702	QLUGHA002WJZZ	J	Lug	AB
LUG703	QLUGHA002WJZZ	J	Lug	AB
LUG704	QLUGHA002WJZZ	J	Lug	AB
LUG705	QLUGHA002WJZZ	J	Lug	AB
LUG706	QLUGHA002WJZZ	J	Lug	AB
	LANGQA022WJFW	J	Fixing Metal	AL
	XBPS730P08JS0	J	Screw	AB
	XBSS830P08000	J	Screw	AA

DUNTKD228VJ04
LVDS REPEATER UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC6201	VHiDS90C386-1Y	J	DS90CF386MTDX	AP
IC6202	VHiDS90C386-1Y	J	DS90CF386MTDX	AP
IC6203	VHiD90C385A-1Y	J	DS90C385AMTX	AN
IC6204	VHiD90C385A-1Y	J	DS90C385AMTX	AN

DIODES

Ref. No.	Part No.	★	Description	Code
D6201	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D6202	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE

COILS

Ref. No.	Part No.	★	Description	Code
L6201	VPD9M100KR86NY	J	Peaking, 10μH	AC
L6202	VPD9M100KR86NY	J	Peaking, 10μH	AC
L6203	RCiLFA071WJZZY	J	Coil	AD
L6204	RCiLFA071WJZZY	J	Coil	AD
L6205	RCiLFA071WJZZY	J	Coil	AD
L6206	RCiLFA071WJZZY	J	Coil	AD
L6207	RCiLFA071WJZZY	J	Coil	AD
L6208	RCiLFA071WJZZY	J	Coil	AD
L6209	RCiLFA071WJZZY	J	Coil	AD
L6210	RCiLFA071WJZZY	J	Coil	AD
L6211	RCiLFA071WJZZY	J	Coil	AD
L6212	RCiLFA071WJZZY	J	Coil	AD

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C6201	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C6202	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C6203	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6204	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6205	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6206	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6207	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6208	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6209	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6210	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6211	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6212	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6213	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6214	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6215	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C6216	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C6217	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6218	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C6219	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6220	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C6221	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C6222	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C6223	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C6224	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C6225	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6226	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6227	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6228	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C6229	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6230	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6231	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C6232	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6233	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6234	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6235	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C6236	VCKYCY1CB103KY	J	0.01 16V Ceramic	AA
C6237	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6238	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C6239	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C6240	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6241	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6242	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6243	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6244	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6245	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6246	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6247	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6248	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6249	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6250	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6251	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6252	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6253	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6254	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6255	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6256	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6257	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6258	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6259	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6260	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6261	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6262	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6263	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6264	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6265	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6266	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6267	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6268	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6269	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6270	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6271	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6272	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6273	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6274	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6275	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

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LVDS REPEATER UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
C6276	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6277	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6278	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6279	VCAAPE0JJ107MY	J	100 6.3V Electrolytic	AE
C6280	VCAAPE0JJ107MY	J	100 6.3V Electrolytic	AE
C6281	VCAAPE0JJ107MY	J	100 6.3V Electrolytic	AE
C6282	VCAAPE0JJ107MY	J	100 6.3V Electrolytic	AE

RESISTORS

Ref. No.	Part No.	★	Description	Code
R6201	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6202	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6203	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6204	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6205	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6206	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6207	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6208	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6209	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6210	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6211	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6212	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6213	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R6214	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R6215	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R6216	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R6217	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R6218	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R6219	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R6220	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R6221	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R6222	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R6223	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R6224	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R6225	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R6226	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R6227	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R6228	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R6229	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R6230	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R6231	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R6232	VRS-CJ1JF470JY	J	47 1/16W Metal Oxide	AA
R6233	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R6234	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R6235	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6236	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6237	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R6238	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R6239	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R6240	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R6241	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R6242	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R6243	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R6244	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R6245	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R6246	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R6247	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R6248	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R6249	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R6250	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R6251	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R6252	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R6253	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R6254	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R6255	VRS-CH1JF000JY	J	0 1/16W Metal Oxide	AA
R6256	VRS-CJ1JF000JY	J	0 1/16W Metal Oxide	AA
R6257	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6258	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6261	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6262	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6263	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6264	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6271	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6272	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB6201	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6202	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6203	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6204	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6207	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6208	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6209	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6210	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6211	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6212	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6213	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6214	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
P6201	QPLGNA338WJZZY	J	Plug, 4Pin(LC)	AD
SC6201	QSOCNA239WJZZY	J	Socket, 32Pin(HA)	AP
SC6202	QSOCNA239WJZZY	J	Socket, 32Pin(HB)	AP
LUG6201	QLUGHA006WJZZY	J	Lug	AC
LUG6202	QLUGHA006WJZZY	J	Lug	AC
LUG6204	QLUGHA006WJZZY	J	Lug	AC
LUG6205	QLUGHA006WJZZY	J	Lug	AC
LUG6208	QLUGHA006WJZZY	J	Lug	AC
LUG6209	QLUGHA006WJZZY	J	Lug	AC

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INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC7301	VHiBD9885FV-1Y	J	BD9885FV-E2	AL
IC7302	VHiBA00ASFP-1Y	J	BA00ASFP-E2	AG
IC7303	VHiBA10393F2EY	J	BA10393F-E2	AD
IC7304	VHiLM321MF+-1Y	J	LM321MFX	AE

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7303	VSRSS070P05-1Y	J	RSS070P05	AF
Q7304	VSRSS070N05-1Y	J	RSS070N05	AF
Q7309	VSRSS070P05-1Y	J	RSS070P05	AF
Q7310	VSRSS070N05-1Y	J	RSS070N05	AF
Q7313	VSRSS070P05-1Y	J	RSS070P05	AF
Q7314	VSRSS070N05-1Y	J	RSS070N05	AF
Q7317	VSRSS070P05-1Y	J	RSS070P05	AF
Q7318	VSRSS070N05-1Y	J	RSS070N05	AF
Q7323	VSRSS070P05-1Y	J	RSS070P05	AF
Q7324	VSRSS070N05-1Y	J	RSS070N05	AF
Q7327	VSRSS070P05-1Y	J	RSS070P05	AF
Q7328	VSRSS070N05-1Y	J	RSS070N05	AF
Q7329	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7330	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7335	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D7301	VHDDAN217U+-1Y	J	DAN217U	AB
D7302	VHDDAN217U+-1Y	J	DAN217U	AB
D7303	VHDDAN217U+-1Y	J	DAN217U	AB
D7304	VHDDAN217U+-1Y	J	DAN217U	AB
D7305	VHDRB160M30-1Y	J	RB160M30	AC
D7306	VHDRB160M30-1Y	J	RB160M30	AC
D7307	VHDDAN217U+-1Y	J	DAN217U	AB
D7308	VHDDAN217U+-1Y	J	DAN217U	AB
D7309	VHDDAN217U+-1Y	J	DAN217U	AB
D7310	VHDDAN217U+-1Y	J	DAN217U	AB
D7311	VHDRB160M30-1Y	J	RB160M30	AC
D7312	VHDRB160M30-1Y	J	RB160M30	AC
D7313	VHDDAN217U+-1Y	J	DAN217U	AB
D7314	VHDDAN217U+-1Y	J	DAN217U	AB
D7315	VHDDAN217U+-1Y	J	DAN217U	AB
D7316	VHDDAN217U+-1Y	J	DAN217U	AB
D7317	VHDRB160M30-1Y	J	RB160M30	AC
D7318	VHDRB160M30-1Y	J	RB160M30	AC
D7320	VHDDAN217U+-1Y	J	DAN217U	AB
D7321	VHDDAN217U+-1Y	J	DAN217U	AB

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INVERTER-1 UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
D7322	VHDDAN217U+-1Y	J	DAN217U	AB
D7323	VHDDAN217U+-1Y	J	DAN217U	AB
D7324	VHDRB160M30-1Y	J	RB160M30	AC
D7325	VHDRB160M30-1Y	J	RB160M30	AC
D7326	VHDDAN217U+-1Y	J	DAN217U	AB
D7327	VHDDAN217U+-1Y	J	DAN217U	AB
D7328	VHDDAN217U+-1Y	J	DAN217U	AB
D7329	VHDDAN217U+-1Y	J	DAN217U	AB
D7330	VHDRB160M30-1Y	J	RB160M30	AC
D7331	VHDRB160M30-1Y	J	RB160M30	AC
D7332	VHDDAN217U+-1Y	J	DAN217U	AB
D7333	VHDDAN217U+-1Y	J	DAN217U	AB
D7334	VHDDAN217U+-1Y	J	DAN217U	AB
D7335	VHDDAN217U+-1Y	J	DAN217U	AB
D7336	VHDRB160M30-1Y	J	RB160M30	AC
D7337	VHDRB160M30-1Y	J	RB160M30	AC
D7340	RH-EX1400CEZZY	J	Zener Diode, 10.0V	AB
D7341	RH-EX1400CEZZY	J	Zener Diode, 10.0V	AB
TRANSFORMERS				
⚠ T7301	RTRNZA099WJZZ	J	Transformer	AP
⚠ T7302	RTRNZA099WJZZ	J	Transformer	AP
⚠ T7303	RTRNZA099WJZZ	J	Transformer	AP
⚠ T7304	RTRNZA099WJZZ	J	Transformer	AP
⚠ T7305	RTRNZA099WJZZ	J	Transformer	AP
⚠ T7306	RTRNZA099WJZZ	J	Transformer	AP
CAPACITORS				
C5901	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5902	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5903	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5904	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5905	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5906	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5907	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5908	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5909	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5910	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5911	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5912	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7301	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7302	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7303	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7304	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7306	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7307	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7308	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7309	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7311	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7312	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7313	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7314	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7317	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7318	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7319	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7321	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7322	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7323	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7324	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7325	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7327	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7328	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7330	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7332	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7333	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7334	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7335	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7336	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7338	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7339	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7340	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7342	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7343	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7344	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7345	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7346	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7349	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7350	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7351	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7353	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7354	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7355	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7356	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7357	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7359	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7360	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7362	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7363	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7366	VCCCCY1HH391JY	J	390p 50V Ceramic	AB
C7367	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C7368	VCKYCY1HB222KY	J	2200p 50V Ceramic	AA
C7369	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C7370	VCKYCY1HB222KY	J	2200p 50V Ceramic	AA
C7371	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7373	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB
C7374	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7375	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7376	RC-KZ0082TAZZY	J	1 10V Ceramic	AC
C7377	RC-KZA178WJZZY	J	4.7 25V Ceramic	AC
C7378	RC-KZA066WJZZY	J	1 25V Ceramic	AB
C7379	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7380	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7381	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7385	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7386	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7387	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
RESISTORS				
R5902	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5904	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5906	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5908	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5910	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5912	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5914	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5916	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5918	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5920	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5922	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5924	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7301	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7302	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7303	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7304	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7305	VRS-CY1JF122JY	J	1.2k 1/16W Metal Oxide	AA
R7306	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R7308	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R7309	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7310	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7312	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R7313	VRS-CY1JF181FY	J	180 1/16W Metal Oxide	AA
R7314	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7315	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7316	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7317	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7320	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7321	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7322	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7323	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7326	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7327	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7331	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R7332	VRS-CY1JF181FY	J	180 1/16W Metal Oxide	AA
R7333	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7334	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7335	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7336	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7339	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

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Ref. No.	Part No.	★	Description	Code
R7341	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7343	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R7344	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R7346	VRS-CY1JF363FY	J	36k 1/16W Metal Oxide	AA
R7347	VRS-CY1JF394JY	J	390k 1/16W Metal Oxide	AA
R7348	VRS-CY1JF154JY	J	150k 1/16W Metal Oxide	AA
R7349	VRS-CY1JF394JY	J	390k 1/16W Metal Oxide	AA
R7350	VRS-CY1JF154JY	J	150k 1/16W Metal Oxide	AA
R7352	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide	AA
R7353	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7354	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7355	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7356	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7357	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R7358	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R7359	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7360	VRS-CY1JF133FY	J	13k 1/16W Metal Oxide	AA
R7361	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R7362	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7365	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7366	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7367	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7368	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7369	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7370	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7371	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R7372	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7373	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7374	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7375	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7382	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7384	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7385	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7387	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7391	VRS-CY1JF152FY	J	1.5k 1/16W Metal Oxide	AA
R7392	VRS-CY1JF123FY	J	12k 1/16W Metal Oxide	AA
R7393	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7394	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7398	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7399	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ F7301	QFS-ZA007WJZZ	J	Fuse, 4A/250V	AC
⚠ F7302	QFS-ZA007WJZZ	J	Fuse, 4A/250V	AC
P7301	QPLGNA237WJZZY	J	Plug, 2Pin(LA)	AC
P7302	QPLGNA237WJZZY	J	Plug, 2Pin(LB)	AC
P7303	QPLGNA237WJZZY	J	Plug, 2Pin(LC)	AC
P7304	QPLGNA237WJZZY	J	Plug, 2Pin(LD)	AC
P7305	QPLGNA237WJZZY	J	Plug, 2Pin(LE)	AC
P7306	QPLGNA237WJZZY	J	Plug, 2Pin(LF)	AC
P7308	QPLGZ1213CEZZ	J	Plug, 12Pin(BL1)	AE
P7309	QPLGNA346WJZZY	J	Plug, 12Pin(MN1)	AD
P7310	QPLGN0269GEZZ	J	Plug, 2Pin(NP1)	AB
LUG7301	QLUGHA006WJZZY	J	Lug	AC
LUG7302	QLUGHA006WJZZY	J	Lug	AC

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INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC7501	VHiBD9885FV-1Y	J	BD9885FV-E2	AL
IC7502	VHiBA00ASFP-1Y	J	BA00ASFP-E2	AG
IC7503	VHiBA10393F2EY	J	BA10393F-E2	AD
IC7504	VHiLM321MF+-1Y	J	LM321MFX	AE

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7503	VSRSS070P05-1Y	J	RSS070P05	AF
Q7504	VSRSS070N05-1Y	J	RSS070N05	AF
Q7509	VSRSS070P05-1Y	J	RSS070P05	AF
Q7510	VSRSS070N05-1Y	J	RSS070N05	AF
Q7513	VSRSS070P05-1Y	J	RSS070P05	AF
Q7514	VSRSS070N05-1Y	J	RSS070N05	AF
Q7517	VSRSS070P05-1Y	J	RSS070P05	AF
Q7518	VSRSS070N05-1Y	J	RSS070N05	AF
Q7523	VSRSS070P05-1Y	J	RSS070P05	AF
Q7524	VSRSS070N05-1Y	J	RSS070N05	AF
Q7527	VSRSS070P05-1Y	J	RSS070P05	AF
Q7528	VSRSS070N05-1Y	J	RSS070N05	AF
Q7529	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7530	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7535	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D7501	VHDDAN217U+-1Y	J	DAN217U	AB
D7502	VHDDAN217U+-1Y	J	DAN217U	AB
D7503	VHDDAN217U+-1Y	J	DAN217U	AB
D7504	VHDDAN217U+-1Y	J	DAN217U	AB
D7505	VHDRB160M30-1Y	J	RB160M30	AC
D7506	VHDRB160M30-1Y	J	RB160M30	AC
D7507	VHDDAN217U+-1Y	J	DAN217U	AB
D7508	VHDDAN217U+-1Y	J	DAN217U	AB
D7509	VHDDAN217U+-1Y	J	DAN217U	AB
D7510	VHDDAN217U+-1Y	J	DAN217U	AB
D7511	VHDRB160M30-1Y	J	RB160M30	AC
D7512	VHDRB160M30-1Y	J	RB160M30	AC
D7513	VHDDAN217U+-1Y	J	DAN217U	AB
D7514	VHDDAN217U+-1Y	J	DAN217U	AB
D7515	VHDDAN217U+-1Y	J	DAN217U	AB
D7516	VHDDAN217U+-1Y	J	DAN217U	AB
D7517	VHDRB160M30-1Y	J	RB160M30	AC
D7518	VHDRB160M30-1Y	J	RB160M30	AC
D7520	VHDDAN217U+-1Y	J	DAN217U	AB
D7521	VHDDAN217U+-1Y	J	DAN217U	AB
D7522	VHDDAN217U+-1Y	J	DAN217U	AB
D7523	VHDDAN217U+-1Y	J	DAN217U	AB
D7524	VHDRB160M30-1Y	J	RB160M30	AC
D7525	VHDRB160M30-1Y	J	RB160M30	AC
D7526	VHDDAN217U+-1Y	J	DAN217U	AB
D7527	VHDDAN217U+-1Y	J	DAN217U	AB
D7528	VHDDAN217U+-1Y	J	DAN217U	AB
D7529	VHDDAN217U+-1Y	J	DAN217U	AB
D7530	VHDRB160M30-1Y	J	RB160M30	AC
D7531	VHDRB160M30-1Y	J	RB160M30	AC
D7532	VHDDAN217U+-1Y	J	DAN217U	AB
D7533	VHDDAN217U+-1Y	J	DAN217U	AB
D7534	VHDDAN217U+-1Y	J	DAN217U	AB
D7535	VHDDAN217U+-1Y	J	DAN217U	AB
D7536	VHDRB160M30-1Y	J	RB160M30	AC
D7537	VHDRB160M30-1Y	J	RB160M30	AC
D7540	RH-EX1400CEZZY	J	Zener Diode, 10.0V	AB
D7541	RH-EX1400CEZZY	J	Zener Diode, 10.0V	AB

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ T7501	RTRNZA100WJZZ	J	Transformer	AP
⚠ T7502	RTRNZA100WJZZ	J	Transformer	AP
⚠ T7503	RTRNZA100WJZZ	J	Transformer	AP
⚠ T7504	RTRNZA100WJZZ	J	Transformer	AP
⚠ T7505	RTRNZA100WJZZ	J	Transformer	AP
⚠ T7506	RTRNZA100WJZZ	J	Transformer	AP

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C5931	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5932	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5933	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5934	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5935	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5936	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5937	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5938	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5939	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5940	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5941	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C5942	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7501	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC

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Ref. No.	Part No.	★	Description	Code
C7502	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7503	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7504	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7506	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7507	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7508	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7509	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7511	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7512	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7513	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7514	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7517	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7518	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7519	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7521	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7522	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7523	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7524	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7525	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7527	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7528	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7530	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7532	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7533	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7534	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7535	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7536	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7538	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7539	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7540	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7542	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7543	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7544	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7545	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7546	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7549	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7550	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7551	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7553	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7554	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7555	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7556	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7557	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7559	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7560	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7562	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7563	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7566	VCCCCY1HH391JY	J	390p 50V Ceramic	AB
C7567	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C7568	VCKYCY1HB222KY	J	2200p 50V Ceramic	AA
C7569	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C7570	VCKYCY1HB222KY	J	2200p 50V Ceramic	AA
C7571	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7573	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB
C7574	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7575	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7576	RC-KZ0082TAZZY	J	1 10V Ceramic	AC
C7577	RC-KZA178WJZZY	J	4.7 25V Ceramic	AC
C7578	RC-KZA066WJZZY	J	1 25V Ceramic	AB
C7579	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7580	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7581	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7585	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7586	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7587	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R5952	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5954	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5956	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5958	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5960	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5962	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5964	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5966	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5968	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5970	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5972	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5974	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7501	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7502	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7503	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7504	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7505	VRS-CY1JF122JY	J	1.2k 1/16W Metal Oxide	AA
R7506	VRS-CY1JF272JY	J	2.7k 1/16W Metal Oxide	AA
R7508	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R7509	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7510	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7512	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R7513	VRS-CY1JF181FY	J	180 1/16W Metal Oxide	AA
R7514	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7515	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7516	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7517	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7520	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7521	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7522	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7523	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7526	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7527	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7531	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R7532	VRS-CY1JF181FY	J	180 1/16W Metal Oxide	AA
R7533	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7534	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7535	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7536	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7539	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7541	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7543	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R7544	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R7546	VRS-CY1JF363FY	J	36k 1/16W Metal Oxide	AA
R7547	VRS-CY1JF394JY	J	390k 1/16W Metal Oxide	AA
R7548	VRS-CY1JF154JY	J	150k 1/16W Metal Oxide	AA
R7549	VRS-CY1JF394JY	J	390k 1/16W Metal Oxide	AA
R7550	VRS-CY1JF154JY	J	150k 1/16W Metal Oxide	AA
R7552	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide	AA
R7553	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7554	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7555	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7556	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7557	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R7558	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R7559	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7560	VRS-CY1JF133FY	J	13k 1/16W Metal Oxide	AA
R7561	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R7563	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7565	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7566	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7567	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7568	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7569	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7570	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7571	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R7572	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7573	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7574	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7575	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7582	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7584	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7585	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7587	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7591	VRS-CY1JF152FY	J	1.5k 1/16W Metal Oxide	AA
R7592	VRS-CY1JF123FY	J	12k 1/16W Metal Oxide	AA
R7593	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7594	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7598	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7599	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA

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INVERTER-2 UNIT(Continued)

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠F7501	QFS-ZA007WJZZ	J	Fuse, 4A/250V	AC
⚠F7502	QFS-ZA007WJZZ	J	Fuse, 4A/250V	AC
P7501	QPLGNA237WJZZY	J	Plug, 2Pin(RA)	AC
P7502	QPLGNA237WJZZY	J	Plug, 2Pin(RB)	AC
P7503	QPLGNA237WJZZY	J	Plug, 2Pin(RC)	AC
P7504	QPLGNA237WJZZY	J	Plug, 2Pin(RD)	AC
P7505	QPLGNA237WJZZY	J	Plug, 2Pin(RE)	AC
P7506	QPLGNA237WJZZY	J	Plug, 2Pin(RF)	AC
P7508	QPLGZ1213CEZZ	J	Plug, 12Pin(BL3)	AE
P7509	QPLGNA346WJZZY	J	Plug, 12Pin(MN3)	AD
P7510	QPLGN0269GEZZ	J	Plug, 2Pin(NP2)	AB
LUG7501	QLUGHA006WJZZY	J	Lug	AC
LUG7502	QLUGHA006WJZZY	J	Lug	AC

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INVERTER-3 UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC7401	VHiBD9885FV-1Y	J	BD9885FV-E2	AL
IC7402	VHiBA00ASFP-1Y	J	BA00ASFP-E2	AG
IC7403	VHiBA10393F2EY	J	BA10393F-E2	AD

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7401	VSRSS070P05-1Y	J	RSS070P05	AF
Q7402	VSRSS070N05-1Y	J	RSS070N05	AF
Q7403	VSRSS070P05-1Y	J	RSS070P05	AF
Q7404	VSRSS070N05-1Y	J	RSS070N05	AF
Q7405	VSRSS070P05-1Y	J	RSS070P05	AF
Q7406	VSRSS070N05-1Y	J	RSS070N05	AF
Q7407	VSRSS070P05-1Y	J	RSS070P05	AF
Q7408	VSRSS070N05-1Y	J	RSS070N05	AF
Q7409	VSRSS070P05-1Y	J	RSS070P05	AF
Q7410	VSRSS070N05-1Y	J	RSS070N05	AF
Q7411	VSRSS070P05-1Y	J	RSS070P05	AF
Q7412	VSRSS070N05-1Y	J	RSS070N05	AF
Q7413	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7414	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7415	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D7401	VHDDAN217U+-1Y	J	DAN217U	AB
D7402	VHDDAN217U+-1Y	J	DAN217U	AB
D7403	VHDDAN217U+-1Y	J	DAN217U	AB
D7404	VHDDAN217U+-1Y	J	DAN217U	AB
D7405	VHDRB160M30-1Y	J	RB160M30	AC
D7406	VHDRB160M30-1Y	J	RB160M30	AC
D7407	VHDDAN217U+-1Y	J	DAN217U	AB
D7408	VHDDAN217U+-1Y	J	DAN217U	AB
D7409	VHDDAN217U+-1Y	J	DAN217U	AB
D7410	VHDDAN217U+-1Y	J	DAN217U	AB
D7411	VHDRB160M30-1Y	J	RB160M30	AC
D7412	VHDRB160M30-1Y	J	RB160M30	AC
D7413	VHDDAN217U+-1Y	J	DAN217U	AB
D7414	VHDDAN217U+-1Y	J	DAN217U	AB
D7415	VHDDAN217U+-1Y	J	DAN217U	AB
D7416	VHDDAN217U+-1Y	J	DAN217U	AB
D7417	VHDRB160M30-1Y	J	RB160M30	AC
D7418	VHDRB160M30-1Y	J	RB160M30	AC
D7419	VHDDAN217U+-1Y	J	DAN217U	AB
D7420	VHDDAN217U+-1Y	J	DAN217U	AB
D7421	VHDDAN217U+-1Y	J	DAN217U	AB
D7422	VHDDAN217U+-1Y	J	DAN217U	AB
D7423	VHDRB160M30-1Y	J	RB160M30	AC
D7424	VHDRB160M30-1Y	J	RB160M30	AC
D7425	VHDDAN217U+-1Y	J	DAN217U	AB
D7426	VHDDAN217U+-1Y	J	DAN217U	AB
D7427	VHDDAN217U+-1Y	J	DAN217U	AB
D7428	VHDDAN217U+-1Y	J	DAN217U	AB
D7429	VHDRB160M30-1Y	J	RB160M30	AC
D7430	VHDRB160M30-1Y	J	RB160M30	AC
D7431	VHDDAN217U+-1Y	J	DAN217U	AB
D7432	VHDDAN217U+-1Y	J	DAN217U	AB
D7433	VHDDAN217U+-1Y	J	DAN217U	AB
D7434	VHDDAN217U+-1Y	J	DAN217U	AB
D7435	VHDRB160M30-1Y	J	RB160M30	AC
D7436	VHDRB160M30-1Y	J	RB160M30	AC
D7438	RH-EX1400CEZZY	J	Zener Diode, 10.0V	AB
D7439	RH-EX1400CEZZY	J	Zener Diode, 10.0V	AB

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠T7401	RTRNZA099WJZZ	J	Transformer	AP
⚠T7402	RTRNZA099WJZZ	J	Transformer	AP
⚠T7403	RTRNZA099WJZZ	J	Transformer	AP
⚠T7404	RTRNZA099WJZZ	J	Transformer	AP
⚠T7405	RTRNZA099WJZZ	J	Transformer	AP
⚠T7406	RTRNZA099WJZZ	J	Transformer	AP

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C7401	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7402	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7403	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7404	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7405	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7406	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7407	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7408	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7409	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7410	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7411	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7412	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7413	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7414	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7415	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7416	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7417	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7418	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7419	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7420	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7422	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7423	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7424	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7425	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7426	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7427	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7428	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7429	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7430	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7431	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7432	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7433	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7434	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7435	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7436	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7438	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7439	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7440	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7441	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7442	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7443	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7444	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7445	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7447	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7448	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7449	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7450	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7451	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7452	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7453	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7454	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7455	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7456	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7457	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7458	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC

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INVERTER-3 UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
C7459	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7460	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7461	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7462	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7463	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7466	VCCCCY1HH391JY	J	390p 50V Ceramic	AB
C7467	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C7468	VCKYCY1HB222KY	J	2200p 50V Ceramic	AA
C7469	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C7470	VCKYCY1HB222KY	J	2200p 50V Ceramic	AA
C7471	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7473	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB
C7474	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7475	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7476	RC-KZ0082TAZZY	J	1 10V Ceramic	AC
C7477	RC-KZA178WJZZY	J	4.7 25V Ceramic	AC
C7478	RC-KZA066WJZZY	J	1 25V Ceramic	AB
C7479	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7480	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7481	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7483	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7484	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7485	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R5801	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5802	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA
R7402	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7404	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7406	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7408	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7410	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7412	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7414	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7416	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7418	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7420	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7422	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7424	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7425	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7426	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7427	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7428	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7429	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7430	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7432	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R7433	VRS-CY1JF181FY	J	180 1/16W Metal Oxide	AA
R7434	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7435	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7436	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7437	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7439	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7440	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7441	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7442	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7443	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7444	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7447	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R7448	VRS-CY1JF181FY	J	180 1/16W Metal Oxide	AA
R7449	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7450	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7451	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7452	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7453	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7455	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7457	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R7458	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R7460	VRS-CY1JF363FY	J	36k 1/16W Metal Oxide	AA
R7461	VRS-CY1JF394JY	J	390k 1/16W Metal Oxide	AA
R7462	VRS-CY1JF154JY	J	150k 1/16W Metal Oxide	AA
R7463	VRS-CY1JF394JY	J	390k 1/16W Metal Oxide	AA
R7464	VRS-CY1JF154JY	J	150k 1/16W Metal Oxide	AA
R7466	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide	AA
R7467	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7468	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7469	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7470	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7471	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R7472	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R7473	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7474	VRS-CY1JF133FY	J	13k 1/16W Metal Oxide	AA
R7475	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R7476	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7477	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R7478	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7479	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7480	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7481	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7482	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7483	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7484	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R7485	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7486	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7487	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7488	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7489	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7490	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7491	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7492	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7494	VRS-CY1JF152FY	J	1.5k 1/16W Metal Oxide	AA
R7495	VRS-CY1JF123FY	J	12k 1/16W Metal Oxide	AA
R7496	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7497	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7499	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ F7401	QFS-ZA007WJZZ	J	Fuse, 4A/250V	AC
⚠ F7402	QFS-ZA007WJZZ	J	Fuse, 4A/250V	AC
P7401	QPLGNA237WJZZY	J	Plug, 2Pin(LA)	AC
P7402	QPLGNA237WJZZY	J	Plug, 2Pin(LB)	AC
P7403	QPLGNA237WJZZY	J	Plug, 2Pin(LC)	AC
P7404	QPLGNA237WJZZY	J	Plug, 2Pin(LD)	AC
P7405	QPLGNA237WJZZY	J	Plug, 2Pin(LE)	AC
P7406	QPLGNA237WJZZY	J	Plug, 2Pin(LF)	AC
P7407	QPLGN0467GEZZ	J	Plug, 4Pin(NP3)	AB
P7408	QPLGZ1213CEZZ	J	Plug, 12Pin(BL1)	AE
SC7401	QSOCZ1230GEZZ	J	Socket, 12Pin(BL1)	AD
LUG7401	QLUGHA006WJZZY	J	Lug	AC
LUG7402	QLUGHA006WJZZY	J	Lug	AC

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INVERTER-4 UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC7601	VHiBD9885FV-1Y	J	BD9885FV-E2	AL
IC7602	VHiBA00ASFP-1Y	J	BA00ASFP-E2	AG
IC7603	VHiBA10393F2EY	J	BA10393F-E2	AD

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7601	VSRSS070P05-1Y	J	RSS070P05	AF
Q7602	VSRSS070N05-1Y	J	RSS070N05	AF
Q7603	VSRSS070P05-1Y	J	RSS070P05	AF
Q7604	VSRSS070N05-1Y	J	RSS070N05	AF
Q7605	VSRSS070P05-1Y	J	RSS070P05	AF
Q7606	VSRSS070N05-1Y	J	RSS070N05	AF
Q7607	VSRSS070P05-1Y	J	RSS070P05	AF
Q7608	VSRSS070N05-1Y	J	RSS070N05	AF
Q7609	VSRSS070P05-1Y	J	RSS070P05	AF
Q7610	VSRSS070N05-1Y	J	RSS070N05	AF
Q7611	VSRSS070P05-1Y	J	RSS070P05	AF
Q7612	VSRSS070N05-1Y	J	RSS070N05	AF
Q7613	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7614	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7615	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC

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INVERTER-4 UNIT(Continued)

DIODES

Ref. No.	Part No.	★	Description	Code
D7601	VHDDAN217U+-1Y	J	DAN217U	AB
D7602	VHDDAN217U+-1Y	J	DAN217U	AB
D7603	VHDDAN217U+-1Y	J	DAN217U	AB
D7604	VHDDAN217U+-1Y	J	DAN217U	AB
D7605	VHDRB160M30-1Y	J	RB160M30	AC
D7606	VHDRB160M30-1Y	J	RB160M30	AC
D7607	VHDDAN217U+-1Y	J	DAN217U	AB
D7608	VHDDAN217U+-1Y	J	DAN217U	AB
D7609	VHDDAN217U+-1Y	J	DAN217U	AB
D7610	VHDDAN217U+-1Y	J	DAN217U	AB
D7611	VHDRB160M30-1Y	J	RB160M30	AC
D7612	VHDRB160M30-1Y	J	RB160M30	AC
D7613	VHDDAN217U+-1Y	J	DAN217U	AB
D7614	VHDDAN217U+-1Y	J	DAN217U	AB
D7615	VHDDAN217U+-1Y	J	DAN217U	AB
D7616	VHDDAN217U+-1Y	J	DAN217U	AB
D7617	VHDRB160M30-1Y	J	RB160M30	AC
D7618	VHDRB160M30-1Y	J	RB160M30	AC
D7619	VHDDAN217U+-1Y	J	DAN217U	AB
D7620	VHDDAN217U+-1Y	J	DAN217U	AB
D7621	VHDDAN217U+-1Y	J	DAN217U	AB
D7622	VHDDAN217U+-1Y	J	DAN217U	AB
D7623	VHDRB160M30-1Y	J	RB160M30	AC
D7624	VHDRB160M30-1Y	J	RB160M30	AC
D7625	VHDDAN217U+-1Y	J	DAN217U	AB
D7626	VHDDAN217U+-1Y	J	DAN217U	AB
D7627	VHDDAN217U+-1Y	J	DAN217U	AB
D7628	VHDDAN217U+-1Y	J	DAN217U	AB
D7629	VHDRB160M30-1Y	J	RB160M30	AC
D7630	VHDRB160M30-1Y	J	RB160M30	AC
D7631	VHDDAN217U+-1Y	J	DAN217U	AB
D7632	VHDDAN217U+-1Y	J	DAN217U	AB
D7633	VHDDAN217U+-1Y	J	DAN217U	AB
D7634	VHDDAN217U+-1Y	J	DAN217U	AB
D7635	VHDRB160M30-1Y	J	RB160M30	AC
D7636	VHDRB160M30-1Y	J	RB160M30	AC
D7638	RH-EX1400CEZZY	J	Zener Diode, 10.0V	AB
D7639	RH-EX1400CEZZY	J	Zener Diode, 10.0V	AB

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠T7601	RTRNZA100WJZZ	J	Transformer	AP
⚠T7602	RTRNZA100WJZZ	J	Transformer	AP
⚠T7603	RTRNZA100WJZZ	J	Transformer	AP
⚠T7604	RTRNZA100WJZZ	J	Transformer	AP
⚠T7605	RTRNZA100WJZZ	J	Transformer	AP
⚠T7606	RTRNZA100WJZZ	J	Transformer	AP

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C7601	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7602	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7603	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7604	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7605	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7606	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7607	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7608	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7609	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7610	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7611	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7612	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7613	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7614	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7615	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7616	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7617	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7618	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7619	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7620	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7622	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7623	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7624	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7625	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7626	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7627	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7628	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7629	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7630	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7631	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7632	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7633	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7634	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7635	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7636	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7638	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7639	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7640	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7641	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7642	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7643	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7644	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7645	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7647	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7648	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7649	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7650	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7651	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7652	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7653	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7654	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7655	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7656	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7657	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7658	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7659	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7660	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7661	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7662	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7663	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7666	VCCCCY1HH391JY	J	390p 50V Ceramic	AB
C7667	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C7668	VCKYCY1HB222KY	J	2200p 50V Ceramic	AA
C7669	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C7670	VCKYCY1HB222KY	J	2200p 50V Ceramic	AA
C7671	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7673	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB
C7674	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7675	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7676	RC-KZ0082TAZZY	J	1 10V Ceramic	AC
C7677	RC-KZA178WJZZY	J	4.7 25V Ceramic	AC
C7678	RC-KZA066WJZZY	J	1 25V Ceramic	AB
C7679	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7680	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7681	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7683	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7684	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7685	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R5851	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R5852	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA
R7602	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7604	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7606	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7608	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7610	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7612	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7614	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7616	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7618	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7620	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7622	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7624	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7625	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7626	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7627	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7628	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7629	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA

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Ref. No.	Part No.	★	Description	Code
R7630	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7632	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R7633	VRS-CY1JF181FY	J	180 1/16W Metal Oxide	AA
R7634	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7635	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7636	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7637	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7639	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7640	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7641	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7642	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7643	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R7644	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7645	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7648	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R7649	VRS-CY1JF181FY	J	180 1/16W Metal Oxide	AA
R7650	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7651	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7652	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7653	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7654	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7656	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7658	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R7659	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R7661	VRS-CY1JF363FY	J	36k 1/16W Metal Oxide	AA
R7662	VRS-CY1JF394JY	J	390k 1/16W Metal Oxide	AA
R7663	VRS-CY1JF154JY	J	150k 1/16W Metal Oxide	AA
R7664	VRS-CY1JF394JY	J	390k 1/16W Metal Oxide	AA
R7665	VRS-CY1JF154JY	J	150k 1/16W Metal Oxide	AA
R7667	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide	AA
R7668	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7669	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7670	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7671	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7672	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R7673	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R7674	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7675	VRS-CY1JF133FY	J	13k 1/16W Metal Oxide	AA
R7676	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R7677	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7678	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7679	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7680	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7681	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7682	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7683	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7684	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R7685	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7686	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7687	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7688	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7689	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7690	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7691	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7692	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7694	VRS-CY1JF152FY	J	1.5k 1/16W Metal Oxide	AA
R7695	VRS-CY1JF123FY	J	12k 1/16W Metal Oxide	AA
R7696	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7697	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7699	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ F7601	QFS-ZA007WJZZ	J	Fuse, 4A/250V	AC
⚠ F7602	QFS-ZA007WJZZ	J	Fuse, 4A/250V	AC
P7601	QPLGNA237WJZZY	J	Plug, 2Pin(RA)	AC
P7602	QPLGNA237WJZZY	J	Plug, 2Pin(RB)	AC
P7603	QPLGNA237WJZZY	J	Plug, 2Pin(RC)	AC
P7604	QPLGNA237WJZZY	J	Plug, 2Pin(RD)	AC
P7605	QPLGNA237WJZZY	J	Plug, 2Pin(RE)	AC
P7606	QPLGNA237WJZZY	J	Plug, 2Pin(RF)	AC
P7607	QPLGN0467GEZZ	J	Plug, 4Pin(NP4)	AB
P7608	QPLGZ1213CEZZ	J	Plug, 12Pin(BL3)	AE
SC7601	QSOCZ1230GEZZ	J	Socket, 12Pin(BL1)	AD
LUG7601	QLUGHA006WJZZY	J	Lug	AC
LUG7602	QLUGHA006WJZZY	J	Lug	AC
	LHLDWA055WJKZ	J	Holder	AC

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INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC7701	VHiBD9885FV-1Y	J	BD9885FV-E2	AL
IC7702	VHiBA00ASFP-1Y	J	BA00ASFP-E2	AG
IC7703	VHiBA10393F2EY	J	BA10393F-E2	AD

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7701	VSRSS070P05-1Y	J	RSS070P05	AF
Q7702	VSRSS070N05-1Y	J	RSS070N05	AF
Q7703	VSRSS070P05-1Y	J	RSS070P05	AF
Q7704	VSRSS070N05-1Y	J	RSS070N05	AF
Q7705	VSRSS070P05-1Y	J	RSS070P05	AF
Q7706	VSRSS070N05-1Y	J	RSS070N05	AF
Q7707	VSRSS070P05-1Y	J	RSS070P05	AF
Q7708	VSRSS070N05-1Y	J	RSS070N05	AF
Q7709	VSRSS070P05-1Y	J	RSS070P05	AF
Q7710	VSRSS070N05-1Y	J	RSS070N05	AF
Q7711	VSRSS070P05-1Y	J	RSS070P05	AF
Q7712	VSRSS070N05-1Y	J	RSS070N05	AF
Q7713	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7714	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7715	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D7701	VHDDAN217U+-1Y	J	DAN217U	AB
D7702	VHDDAN217U+-1Y	J	DAN217U	AB
D7703	VHDDAN217U+-1Y	J	DAN217U	AB
D7704	VHDDAN217U+-1Y	J	DAN217U	AB
D7705	VHDRB160M30-1Y	J	RB160M30	AC
D7706	VHDRB160M30-1Y	J	RB160M30	AC
D7707	VHDDAN217U+-1Y	J	DAN217U	AB
D7708	VHDDAN217U+-1Y	J	DAN217U	AB
D7709	VHDDAN217U+-1Y	J	DAN217U	AB
D7710	VHDDAN217U+-1Y	J	DAN217U	AB
D7711	VHDRB160M30-1Y	J	RB160M30	AC
D7712	VHDRB160M30-1Y	J	RB160M30	AC
D7713	VHDDAN217U+-1Y	J	DAN217U	AB
D7714	VHDDAN217U+-1Y	J	DAN217U	AB
D7715	VHDDAN217U+-1Y	J	DAN217U	AB
D7716	VHDDAN217U+-1Y	J	DAN217U	AB
D7717	VHDRB160M30-1Y	J	RB160M30	AC
D7718	VHDRB160M30-1Y	J	RB160M30	AC
D7719	VHDDAN217U+-1Y	J	DAN217U	AB
D7720	VHDDAN217U+-1Y	J	DAN217U	AB
D7721	VHDDAN217U+-1Y	J	DAN217U	AB
D7722	VHDDAN217U+-1Y	J	DAN217U	AB
D7723	VHDRB160M30-1Y	J	RB160M30	AC
D7724	VHDRB160M30-1Y	J	RB160M30	AC
D7725	VHDDAN217U+-1Y	J	DAN217U	AB
D7726	VHDDAN217U+-1Y	J	DAN217U	AB
D7727	VHDDAN217U+-1Y	J	DAN217U	AB
D7728	VHDDAN217U+-1Y	J	DAN217U	AB
D7729	VHDRB160M30-1Y	J	RB160M30	AC
D7730	VHDRB160M30-1Y	J	RB160M30	AC
D7731	VHDDAN217U+-1Y	J	DAN217U	AB
D7732	VHDDAN217U+-1Y	J	DAN217U	AB
D7733	VHDDAN217U+-1Y	J	DAN217U	AB
D7734	VHDDAN217U+-1Y	J	DAN217U	AB
D7735	VHDRB160M30-1Y	J	RB160M30	AC
D7736	VHDRB160M30-1Y	J	RB160M30	AC
D7738	RH-EX1400CEZZY	J	Zener Diode, 10.0V	AB
D7739	RH-EX1400CEZZY	J	Zener Diode, 10.0V	AB

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ T7701	RTRNZA099WJZZ	J	Transformer	AP

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Ref. No.	Part No.	★	Description	Code
⚠ T7702	RTRNZA099WJZZ	J	Transformer	AP
⚠ T7703	RTRNZA099WJZZ	J	Transformer	AP
⚠ T7704	RTRNZA099WJZZ	J	Transformer	AP
⚠ T7705	RTRNZA099WJZZ	J	Transformer	AP
⚠ T7706	RTRNZA099WJZZ	J	Transformer	AP

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C7701	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7702	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7703	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7704	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7705	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7706	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7707	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7708	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7709	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7710	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7711	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7712	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7713	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7714	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7715	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7716	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7717	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7718	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7719	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7720	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7722	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7723	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7724	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7725	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7726	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7727	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7728	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7729	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7730	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7731	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7732	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7733	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7734	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7735	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7736	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7738	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7739	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7740	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7741	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7742	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7743	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7744	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7745	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7747	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7748	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7749	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7750	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7751	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7752	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7753	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7754	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7755	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7756	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7757	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7758	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7759	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7760	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7761	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7762	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7763	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7766	VCCCCY1HH391JY	J	390p 50V Ceramic	AB
C7767	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C7768	VCKYCY1HB222KY	J	2200p 50V Ceramic	AA
C7769	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C7770	VCKYCY1HB222KY	J	2200p 50V Ceramic	AA
C7771	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7773	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB
C7774	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7775	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7776	RC-KZ0082TAZZY	J	1 10V Ceramic	AC
C7777	RC-KZA178WJZZY	J	4.7 25V Ceramic	AC
C7778	RC-KZA066WJZZY	J	1 25V Ceramic	AB
C7779	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7780	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7781	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7783	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7784	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7785	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R7702	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7704	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7706	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7708	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7710	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7712	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7714	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7716	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7718	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7720	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7722	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7724	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7725	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7726	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7727	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7728	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7729	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7730	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7732	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R7733	VRS-CY1JF181FY	J	180 1/16W Metal Oxide	AA
R7734	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7735	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7736	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7737	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7739	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7740	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7741	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7742	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7743	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7744	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7747	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R7748	VRS-CY1JF181FY	J	180 1/16W Metal Oxide	AA
R7749	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7750	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7751	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7752	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7753	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7755	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7757	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R7758	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R7760	VRS-CY1JF363FY	J	36k 1/16W Metal Oxide	AA
R7761	VRS-CY1JF394JY	J	390k 1/16W Metal Oxide	AA
R7762	VRS-CY1JF154JY	J	150k 1/16W Metal Oxide	AA
R7763	VRS-CY1JF394JY	J	390k 1/16W Metal Oxide	AA
R7764	VRS-CY1JF154JY	J	150k 1/16W Metal Oxide	AA
R7766	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide	AA
R7767	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7768	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7769	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7770	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7771	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R7772	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R7773	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7774	VRS-CY1JF133FY	J	13k 1/16W Metal Oxide	AA
R7775	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R7776	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7777	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R7778	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7779	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7780	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7781	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA

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Ref. No.	Part No.	★	Description	Code
R7782	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7783	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7784	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R7785	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7786	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7787	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7788	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7789	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7790	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7791	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7792	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7794	VRS-CY1JF152FY	J	1.5k 1/16W Metal Oxide	AA
R7795	VRS-CY1JF123FY	J	12k 1/16W Metal Oxide	AA
R7796	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7797	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7799	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7901	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7902	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ F7701	QFS-ZA007WJZZ	J	Fuse, 4A/250V	AC
⚠ F7702	QFS-ZA007WJZZ	J	Fuse, 4A/250V	AC
P7701	QPLGNA237WJZZY	J	Plug, 2Pin(LA)	AC
P7702	QPLGNA237WJZZY	J	Plug, 2Pin(LB)	AC
P7703	QPLGNA237WJZZY	J	Plug, 2Pin(LC)	AC
P7704	QPLGNA237WJZZY	J	Plug, 2Pin(LD)	AC
P7705	QPLGNA237WJZZY	J	Plug, 2Pin(LE)	AC
P7706	QPLGNA237WJZZY	J	Plug, 2Pin(LF)	AC
P7711	QPLGN0267GEZZ	J	Plug, 2Pin(NP5)	AA
SC7701	QSOCZ1230GEZZ	J	Socket, 12Pin(BL3)	AD
LUG7701	QLUGHA006WJZZY	J	Lug	AC
LUG7702	QLUGHA006WJZZY	J	Lug	AC

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INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC7801	VHiBD9885FV-1Y	J	BD9885FV-E2	AL
IC7802	VHiBA00ASFP-1Y	J	BA00ASFP-E2	AG
IC7803	VHiBA10393F2EY	J	BA10393F-E2	AD

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q7801	VSRSS070P05-1Y	J	RSS070P05	AF
Q7802	VSRSS070N05-1Y	J	RSS070N05	AF
Q7803	VSRSS070P05-1Y	J	RSS070P05	AF
Q7804	VSRSS070N05-1Y	J	RSS070N05	AF
Q7805	VSRSS070P05-1Y	J	RSS070P05	AF
Q7806	VSRSS070N05-1Y	J	RSS070N05	AF
Q7807	VSRSS070P05-1Y	J	RSS070P05	AF
Q7808	VSRSS070N05-1Y	J	RSS070N05	AF
Q7809	VSRSS070P05-1Y	J	RSS070P05	AF
Q7810	VSRSS070N05-1Y	J	RSS070N05	AF
Q7811	VSRSS070P05-1Y	J	RSS070P05	AF
Q7812	VSRSS070N05-1Y	J	RSS070N05	AF
Q7813	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7814	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC
Q7815	VSUM6K1NTN+-1Y	J	UM6K1NTN	AC

DIODES

Ref. No.	Part No.	★	Description	Code
D7801	VHDDAN217U+-1Y	J	DAN217U	AB
D7802	VHDDAN217U+-1Y	J	DAN217U	AB
D7803	VHDDAN217U+-1Y	J	DAN217U	AB
D7804	VHDDAN217U+-1Y	J	DAN217U	AB
D7805	VHDRB160M30-1Y	J	RB160M30	AC
D7806	VHDRB160M30-1Y	J	RB160M30	AC
D7807	VHDDAN217U+-1Y	J	DAN217U	AB
D7808	VHDDAN217U+-1Y	J	DAN217U	AB
D7809	VHDDAN217U+-1Y	J	DAN217U	AB
D7810	VHDDAN217U+-1Y	J	DAN217U	AB
D7811	VHDRB160M30-1Y	J	RB160M30	AC
D7812	VHDRB160M30-1Y	J	RB160M30	AC
D7813	VHDDAN217U+-1Y	J	DAN217U	AB
D7814	VHDDAN217U+-1Y	J	DAN217U	AB
D7815	VHDDAN217U+-1Y	J	DAN217U	AB
D7816	VHDDAN217U+-1Y	J	DAN217U	AB
D7817	VHDRB160M30-1Y	J	RB160M30	AC
D7818	VHDRB160M30-1Y	J	RB160M30	AC
D7819	VHDDAN217U+-1Y	J	DAN217U	AB
D7820	VHDDAN217U+-1Y	J	DAN217U	AB
D7821	VHDDAN217U+-1Y	J	DAN217U	AB
D7822	VHDDAN217U+-1Y	J	DAN217U	AB
D7823	VHDRB160M30-1Y	J	RB160M30	AC
D7824	VHDRB160M30-1Y	J	RB160M30	AC
D7825	VHDDAN217U+-1Y	J	DAN217U	AB
D7826	VHDDAN217U+-1Y	J	DAN217U	AB
D7827	VHDDAN217U+-1Y	J	DAN217U	AB
D7828	VHDDAN217U+-1Y	J	DAN217U	AB
D7829	VHDRB160M30-1Y	J	RB160M30	AC
D7830	VHDRB160M30-1Y	J	RB160M30	AC
D7831	VHDDAN217U+-1Y	J	DAN217U	AB
D7832	VHDDAN217U+-1Y	J	DAN217U	AB
D7833	VHDDAN217U+-1Y	J	DAN217U	AB
D7834	VHDDAN217U+-1Y	J	DAN217U	AB
D7835	VHDRB160M30-1Y	J	RB160M30	AC
D7836	VHDRB160M30-1Y	J	RB160M30	AC
D7838	RH-EX1400CEZZY	J	Zener Diode, 10.0V	AB
D7839	RH-EX1400CEZZY	J	Zener Diode, 10.0V	AB

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ T7801	RTRNZA100WJZZ	J	Transformer	AP
⚠ T7802	RTRNZA100WJZZ	J	Transformer	AP
⚠ T7803	RTRNZA100WJZZ	J	Transformer	AP
⚠ T7804	RTRNZA100WJZZ	J	Transformer	AP
⚠ T7805	RTRNZA100WJZZ	J	Transformer	AP
⚠ T7806	RTRNZA100WJZZ	J	Transformer	AP

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C7801	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7802	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7803	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7804	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7805	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7806	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7807	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7808	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7809	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7810	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7811	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7812	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C7813	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7814	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7815	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7816	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7817	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7818	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7819	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7820	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7822	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7823	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7824	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7825	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7826	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7827	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7828	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7829	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7830	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7831	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7832	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7833	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7834	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7835	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7836	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7838	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7839	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC

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Ref. No.	Part No.	★	Description	Code
C7840	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7841	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7842	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7843	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7844	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7845	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7847	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7848	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7849	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7850	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7851	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7852	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7853	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7854	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7855	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7856	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7857	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7858	RC-KZA406WJZZ	J	27p 6.3kV Ceramic	AC
C7859	VCKYCY1HB332KY	J	3300p 50V Ceramic	AA
C7860	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7861	RC-KZA383WJZZY	J	10 25V Ceramic	AC
C7862	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7863	RC-EZA495WJZZ	J	470 35V Electrolytic	AD
C7866	VCCCCY1HH391JY	J	390p 50V Ceramic	AB
C7867	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C7868	VCKYCY1HB222KY	J	2200p 50V Ceramic	AA
C7869	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C7870	VCKYCY1HB222KY	J	2200p 50V Ceramic	AA
C7871	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7873	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB
C7874	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7875	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7876	RC-KZ0082TAZZY	J	1 10V Ceramic	AC
C7877	RC-KZA178WJZZY	J	4.7 25V Ceramic	AC
C7878	RC-KZA066WJZZY	J	1 25V Ceramic	AB
C7879	VCKYCY1CB224KY	J	0.22 16V Ceramic	AB
C7880	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7881	RC-KZ0046TAZZY	J	4.7 35V Ceramic	AD
C7883	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7884	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7885	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R7802	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7804	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7806	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7808	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7810	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7812	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7814	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7816	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7818	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7820	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7822	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7824	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7825	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7826	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7827	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7828	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7829	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7830	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7832	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R7833	VRS-CY1JF181FY	J	180 1/16W Metal Oxide	AA
R7834	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7835	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7836	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7837	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7839	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7840	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7841	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7842	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7843	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R7844	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7845	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7848	VRS-CY1JF472FY	J	4.7k 1/16W Metal Oxide	AA
R7849	VRS-CY1JF181FY	J	180 1/16W Metal Oxide	AA
R7850	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7851	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7852	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7853	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7854	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7856	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7858	VRS-CY1JF683JY	J	68k 1/16W Metal Oxide	AA
R7859	VRS-CY1JF683FY	J	68k 1/16W Metal Oxide	AA
R7861	VRS-CY1JF363FY	J	36k 1/16W Metal Oxide	AA
R7862	VRS-CY1JF394JY	J	390k 1/16W Metal Oxide	AA
R7863	VRS-CY1JF154JY	J	150k 1/16W Metal Oxide	AA
R7864	VRS-CY1JF394JY	J	390k 1/16W Metal Oxide	AA
R7865	VRS-CY1JF154JY	J	150k 1/16W Metal Oxide	AA
R7867	VRS-CY1JF273FY	J	27k 1/16W Metal Oxide	AA
R7868	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7869	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7870	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7871	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7872	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R7873	VRS-CY1JF474JY	J	470k 1/16W Metal Oxide	AA
R7874	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7875	VRS-CY1JF133FY	J	13k 1/16W Metal Oxide	AA
R7876	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R7877	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7878	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7879	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7880	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7881	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7882	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7883	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R7884	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R7885	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7886	VRS-CY1JF513FY	J	51k 1/16W Metal Oxide	AA
R7887	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7888	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7889	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7890	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7891	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R7892	VRS-CY1JF680FY	J	68 1/16W Metal Oxide	AA
R7894	VRS-CY1JF152FY	J	1.5k 1/16W Metal Oxide	AA
R7895	VRS-CY1JF123FY	J	12k 1/16W Metal Oxide	AA
R7896	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7897	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7899	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7951	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7952	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
⚠ F7801	QFS-ZA007WJZZ	J	Fuse, 4A/250V	AC
⚠ F7802	QFS-ZA007WJZZ	J	Fuse, 4A/250V	AC
P7801	QPLGNA237WJZZY	J	Plug, 2Pin(RA)	AC
P7802	QPLGNA237WJZZY	J	Plug, 2Pin(RB)	AC
P7803	QPLGNA237WJZZY	J	Plug, 2Pin(RC)	AC
P7804	QPLGNA237WJZZY	J	Plug, 2Pin(RD)	AC
P7805	QPLGNA237WJZZY	J	Plug, 2Pin(RE)	AC
P7806	QPLGNA237WJZZY	J	Plug, 2Pin(RF)	AC
P7811	QPLGN0267GEZZ	J	Plug, 2Pin(NP6)	AA
SC7801	QSOCZ1230GEZZ	J	Socket, 12Pin(BL3)	AD
LUG7801	QLUGHA006WJZZY	J	Lug	AC
LUG7802	QLUGHA006WJZZY	J	Lug	AC

DUNTKD579UJ05
T-CON TOP UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC1701	VHiLM2642MT-1Y	J	LM2642MTCX/N0P	AR
IC2201	VHiLVX125FT-1Y	J	TC74LVX125FT	AG
IC2202	VHiMB88146A-1Y	J	MB88146APFV-G	AH
IC2203	RH-iXB345WJNAQ	J	HD64F36049HV	
IC2204	VHiBD5224G+-1Y	J	BD5224G-TR	AD
IC2205	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC2206	VHiLTC1694C-1Y	J	LTC1694CS5#TR	AM
IC2207	VHiBR24L08F-1Y	J	BR24L08F-WE2	AE
IC2208	VHiTC7W66U/-1Y	J	TC7W66FU	AE
IC2209	VHiTMP100NA-1Y	J	TMP100NA/3K	AM
IC2210	VHiBD4742G+-1Y	J	BD4742G-TR	AD
IC4001	RH-iXB001WJN1Q	J	LR38879A	BC
IC4003	RH-iXB441WJZZY	J	25LC640-I/SN	AL
IC4004	RH-iXB001WJN1Q	J	LR38879A	BC
IC4101	RH-iXB002WJZZQ	J	KZ4E064311TFP	BB
IC4102	RH-iXA986WJZZQ	J	MS81V2600-12TB	BB
IC4103	RH-iXB631WJZZY	J	25LC320-I/SNG-	AK
IC4201	RH-iXB002WJZZQ	J	KZ4E064311TFP	BB
IC4202	RH-iXA986WJZZQ	J	MS81V2600-12TB	BB
IC4203	RH-iXB631WJZZY	J	25LC320-I/SNG-	AK
IC4301	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC4302	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC4303	RH-iXA990WJZZQ	J	XC3S400-4FT256	BH
IC4305	RH-iXB632WJZZY	J	XCF04SVOG20C	AU
IC4306	VHiPST3629N-1Y	J	PST3629NR	AD
IC4307	VHiDS90C386-1Y	J	DS90CF386MTDX	AP
IC4308	RH-iXA986WJZZQ	J	MS81V2600-12TB	BB
IC4401	RH-iXB472WJN1Q	J	XC9572XL-10VQG	AQ
IC4402	VHiLVX125FT-1Y	J	TC74LVX125FT	AG
IC4403	VHiLVX125FT-1Y	J	TC74LVX125FT	AG
IC4404	VHiT7WH123U-1Y	J	TC7WH123FU	AD
IC4501	VHiBD8133FV-1Y	J	BD8133FV-E2	AS
IC4502	VHiNJM4580V-1Y	J	NJM4580V	AE
IC4503	VHiLP2951CM-1Y	J	LP2951CMX	AL
IC4801	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC4802	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC4803	VHiPQ1L503M-1Y	J	PQ1L503M2SP	AD
IC4804	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC4805	VHiBD4742G+-1Y	J	BD4742G-TR	AD
IC4806	VHiPQ1L333M-1Y	J	PQ1L333M2SP	AD
IC4807	VHiPQ1L503M-1Y	J	PQ1L503M2SP	AD
IC4808	VHiMD1422N+-1Y	J	MD1422N	AQ
IC4809	VHiLM3478MX-1Y	J	LM3478MMX	AL
IC4810	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC4811	VHiLT1615ES-1Y	J	LT1615ES5	AP
IC4812	VHiLT1617ES-1Y	J	LT1617ES5	AP
IC4815	VHiPQ015YZ5-1Y	J	PQ015YZ5MZP	AF
IC4903	RH-iXA990WJZZQ	J	XC3S400-4FT256	BH
IC4907	VHiDS90C386-1Y	J	DS90CF386MTDX	AP
IC4908	RH-iXA986WJZZQ	J	MS81V2600-12TB	BB
IC7001	VHILM8261++-1Y	J	LM8261M5X	AH
IC7002	VHILM8261++-1Y	J	LM8261M5X	AH
IC7003	RH-iXB630WJZZQ	J	LC4256V-75TN10	AX
IC7004	VHiTPS54350-1Y	J	TPS54350PWPR	AN

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q1701	VSDTC144EKA-1Y	J	DTC144EKA	AB
Q1702	VSDTC144EKA-1Y	J	DTC144EKA	AB
Q1703	VSDTC144EKA-1Y	J	DTC144EKA	AB
Q1704	VSSP8K4++++-1Y	J	SP8K4	AF
Q1705	VSSP8K4++++-1Y	J	SP8K4	AF
Q1706	VSDTA124EKA-1Y	J	DTA124EKA	AB
Q1707	VSDTC124EKA-1Y	J	DTC124EKA	AB
Q2201	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2202	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2203	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q2204	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2205	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2206	VS2SK536///-1Y	J	2SK536	AE
Q2207	VS2SK536///-1Y	J	2SK536	AE
Q2208	VSDTC144EE/-1Y	J	DTC144EE	AA
Q2210	VSDTC144EE/-1Y	J	DTC144EE	AA
Q4501	VS2SD1664Q+-1Y	J	2SD1664Q	AC
Q4502	VS2SB1132Q/-1Y	J	2SB1132Q	AC
Q4804	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q4805	VSDTA124EKA-1Y	J	DTA124EKA	AB
Q4806	VSDTC124EKA-1Y	J	DTC124EKA	AB
Q4807	VSDTC144EE/-1Y	J	DTC144EE	AA
Q4808	VSDTC144EE/-1Y	J	DTC144EE	AA
Q4809	VSDTC144EE/-1Y	J	DTC144EE	AA
Q4810	VSDTA144EE/-1Y	J	DTA144EE	AA
Q4811	VSDTA144EE/-1Y	J	DTA144EE	AA
Q4812	VSDTA144EE/-1Y	J	DTA144EE	AA
Q4813	VSDTC144EE/-1Y	J	DTC144EE	AA
Q4814	VS2SA1530AR-1Y	J	2SA1530AR	AB
Q4816	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q4817	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q4818	VSTP0610T++-1Y	J	TP0610T1	AD
Q4819	VS2SK1826++-1Y	J	2SK1826	AC
Q4820	VS2SK1826++-1Y	J	2SK1826	AC
Q4821	VSSi4884DY+-1Y	J	SI4884DY	AG
Q4822	VSDTA144EE/-1Y	J	DTA144EE	AA
Q4823	VSDTC144EE/-1Y	J	DTC144EE	AA
Q4824	VSDTC144EE/-1Y	J	DTC144EE	AA
Q4825	VSSi4435DY+-1Y	J	SI4435DY	AF
Q7001	VS2SD1758++-1Y	J	2SD1758	AE
Q7002	VS2SB1182//2EY	J	2SB1182	AE
Q7003	VS2SD1758++-1Y	J	2SD1758	AE
Q7004	VS2SB1182//2EY	J	2SB1182	AE
Q7005	VS2SD1758++-1Y	J	2SD1758	AE
Q7006	VS2SB1182//2EY	J	2SB1182	AE
Q7007	VS2SD1758++-1Y	J	2SD1758	AE
Q7008	VS2SB1182//2EY	J	2SB1182	AE
Q7009	VSQS6M4++++-1Y	J	QS6M4	AD
Q7010	VSQS6M4++++-1Y	J	QS6M4	AD
Q7011	VSQS6M4++++-1Y	J	QS6M4	AD
Q7012	VSQS6M4++++-1Y	J	QS6M4	AD
Q7013	VSQS6M4++++-1Y	J	QS6M4	AD
Q7014	VSQS6M4++++-1Y	J	QS6M4	AD
Q7015	VSQS6M4++++-1Y	J	QS6M4	AD
Q7016	VSQS6M4++++-1Y	J	QS6M4	AD
Q7017	VSQS6M4++++-1Y	J	QS6M4	AD
Q7018	VSQS6M4++++-1Y	J	QS6M4	AD
Q7019	VSQS6M4++++-1Y	J	QS6M4	AD
Q7020	VSQS6M4++++-1Y	J	QS6M4	AD
Q7021	VSDTC144EE/-1Y	J	DTC144EE	AA
Q7022	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q7023	VSDTA124EE/-1Y	J	DTA124EE	AB
Q7024	VSDTC144EE/-1Y	J	DTC144EE	AA
Q7025	VSRTQ045N03-1Y	J	RTQ045N03	AE

DIODES

Ref. No.	Part No.	★	Description	Code
D1701	VHDDAP202U/-1Y	J	DAP202U	AB
D1702	RH-EX1241CEZZY	J	Zener Diode, 4.7V	AB
D1703	VHDHSU119//-1Y	J	HSU119	AB
D1704	RH-EX1241CEZZY	J	Zener Diode, 4.7V	AB
D1705	VHDHSU119//-1Y	J	HSU119	AB
D1706	VHDHSU119//-1Y	J	HSU119	AB
D1707	VHDHSU119//-1Y	J	HSU119	AB
D2201	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D2202	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D2203	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D2204	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D2205	VHD1SS355//-1Y	J	1SS355	AB
D2206	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D2207	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D2208	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D4801	VHDiMN10///-1Y	J	iMN10	AB
D4802	VHDHSU119//-1Y	J	HSU119	AB
D4803	VHDHSU119//-1Y	J	HSU119	AB
D4804	VHDFUJ3C+++-1Y	J	FUJ3C1	AD
D4805	VHDSC8024//-1Y	J	SC8024	AC
D4806	VHDSC8024//-1Y	J	SC8024	AC
D4807	VHDFUJ3C+++-1Y	J	FUJ3C1	AD
D4808	VHDDAN222//-1Y	J	DAN222	AA
D4809	VHDHSU119//-1Y	J	HSU119	AB

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T-CON TOP UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
D4810	VHDSFPB54//2EY	J	SFPB54	AC
D4811	VHDHSU119//-1Y	J	HSU119	AB
D4812	VHDHSU119//-1Y	J	HSU119	AB
D4813	VHDFUJ3C+++-1Y	J	FUJ3C1	AD
D4815	RH-EX1274CEZZY	J	Zener Diode, 13V	AB
D4816	VHDHSU119//-1Y	J	HSU119	AB
D4818	VHDHSU119//-1Y	J	HSU119	AB
D4819	VHDHSU119//-1Y	J	HSU119	AB
D4820	VHDHSU119//-1Y	J	HSU119	AB
D4823	VHDF02J9///-1Y	J	F02J9	AD
D4825	VHDFUJ3C+++-1Y	J	FUJ3C1	AD
D4827	VHDFUJ3C+++-1Y	J	FUJ3C1	AD
D4828	RH-EX1274CEZZY	J	Zener Diode, 13V	AB
D4829	VHDHSU119//-1Y	J	HSU119	AB
D7001	VHDRB521S30-1Y	J	RB521S30	AC
D7002	VHDRB521S30-1Y	J	RB521S30	AC
D7003	VHDRB521S30-1Y	J	RB521S30	AC
D7004	VHDRB521S30-1Y	J	RB521S30	AC
D7005	VHDRB521S30-1Y	J	RB521S30	AC
D7006	VHDRB521S30-1Y	J	RB521S30	AC
D7007	VHDRB521S30-1Y	J	RB521S30	AC
D7008	VHDRB521S30-1Y	J	RB521S30	AC
D7009	VHDRB521S30-1Y	J	RB521S30	AC
D7010	VHDRB521S30-1Y	J	RB521S30	AC
D7011	VHDRB521S30-1Y	J	RB521S30	AC
D7012	VHDRB521S30-1Y	J	RB521S30	AC
D7013	VHD1SS355//-1Y	J	1SS355	AB
D7014	VHD1SS355//-1Y	J	1SS355	AB

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X2201	RCRSC0032TAZZY	J	Crystal	AG
X4001	RCRUAA046WJZZY	J	Crystal	AL

COILS AND FILTERS

Ref. No.	Part No.	★	Description	Code
FL2201	RFiLZA009WJZZY	J	Filter	AD
FL4701	RFiLNA007WJZZY	J	Filter	AD
FL4702	RFiLNA007WJZZY	J	Filter	AD
FL4703	RFiLNA007WJZZY	J	Filter	AD
FL4704	RFiLNA007WJZZY	J	Filter	AD
FL4801	RFiLNA007WJZZY	J	Filter	AD
L1701	RCiLP0297TAZZY	J	Coil	AD
L1702	RCiLP0355TAZZY	J	Coil	AD
L1703	RCiLP0297TAZZY	J	Coil	AD
L1704	RCiLP0355TAZZY	J	Coil	AD
L2201	VPD9M221J210NY	J	Peaking, 220µH	AB
L4101	RCiLFA071WJZZY	J	Coil	AD
L4102	RCiLFA071WJZZY	J	Coil	AD
L4103	RCiLFA071WJZZY	J	Coil	AD
L4104	RCiLFA071WJZZY	J	Coil	AD
L4105	RCiLFA071WJZZY	J	Coil	AD
L4201	RCiLFA071WJZZY	J	Coil	AD
L4202	RCiLFA071WJZZY	J	Coil	AD
L4203	RCiLFA071WJZZY	J	Coil	AD
L4204	RCiLFA071WJZZY	J	Coil	AD
L4205	RCiLFA071WJZZY	J	Coil	AD
L4301	VPD9M100J1R7NY	J	Peaking, 10µH	AC
L4801	RCiLP0343TAZZY	J	Coil	AD
L4802	RCiLP0343TAZZY	J	Coil	AD
L4803	RCiLP0303TAZZY	J	Coil	AG
L4804	RCiLP0303TAZZY	J	Coil	AG
L4805	RCiLP0343TAZZY	J	Coil	AD
L4806	RCiLP0343TAZZY	J	Coil	AD
L4807	RCiLP0355TAZZY	J	Coil	AD
L4808	RCiLP0301TAZZY	J	Coil	AF
L4809	RCiLP0299TAZZY	J	Coil	AD
L4810	RCiLP0299TAZZY	J	Coil	AD
L4811	RCiLPA001WJZZY	J	Coil	AF
L4812	RCiLP0343TAZZY	J	Coil	AD
L4813	RCiLP0270TAZZY	J	Coil	AD
L4814	RCiLP0343TAZZY	J	Coil	AD
L4815	RCiLP0297TAZZY	J	Coil	AD
L4816	RCiLP0297TAZZY	J	Coil	AD
L4817	RCiLP0270TAZZY	J	Coil	AD
L4818	VPD9M4R7J1R4NY	J	Peaking, 4.7µH	AB
L4819	VPD9M4R7J1R4NY	J	Peaking, 4.7µH	AB
L4820	RCiLP0355TAZZY	J	Coil	AD
L4901	VPD9M100J1R7NY	J	Peaking, 10µH	AC
L7001	RCiLPA158WJZZY	J	Coil	AE

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C925	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C926	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C927	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C950	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C951	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C1702	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1703	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C1705	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1706	RC-KZ0070TAZZY	J	4.7 16V Ceramic	AD
C1707	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1708	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1709	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C1711	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C1713	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1714	VCAAPC1DJ226MY	J	22 20V Electrolytic	AE
C1716	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1717	RC-KZA111WJZZY	J	1 25V Ceramic	AC
C1718	RC-KZA068WJZZY	J	4.7 25V Ceramic	AC
C1719	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1721	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C1722	VCAAPC1DJ226MY	J	22 20V Electrolytic	AE
C1723	VCAAPE0JJ227MY	J	220 6.3V Electrolytic	AE
C1724	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C1725	VCAAPE0JJ227MY	J	220 6.3V Electrolytic	AE
C1726	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C1727	VCKYCY1HB222KY	J	2200p 50V Ceramic	AA
C1728	VCEASX1HN105MY	J	1 50V Electrolytic	AB
C1729	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C1730	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C1731	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C1732	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C2201	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2202	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2203	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C2204	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C2205	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2206	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C2207	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2208	VCCCCY1HH220JY	J	22p 50V Ceramic	AA
C2209	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2210	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C2211	VCCCCY1HH220JY	J	22p 50V Ceramic	AA
C2212	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2213	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2214	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2215	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2216	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2217	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C2218	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C2219	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2220	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C2222	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2223	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C2226	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB
C2230	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB
C2231	VCKYCY1EB104KY	J	0.1 25V Ceramic	AB
C2232	VCKYCY1HB152KY	J	1500p 50V Ceramic	AA
C2233	VCAAPE0JJ227MY	J	220 6.3V Electrolytic	AE
C2290	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4001	VCAAPE0JJ227MY	J	220 6.3V Electrolytic	AE
C4002	VCAAPE0JJ397MY	J	390 6.3V Electrolytic	AF
C4003	VCAAPE0JJ397MY	J	390 6.3V Electrolytic	AF
C4004	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4005	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4006	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4007	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C4008	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C4009	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA

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T-CON TOP UNIT(Continued)

Ref. No.	Part No.	★	Description			Code
C4010	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4011	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4012	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4013	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4014	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4015	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4016	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4017	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4018	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4019	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4020	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4021	RC-KZA043WJZZY	J	10	6.3V	Ceramic	AC
C4022	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4023	VCAAPE0JJ227MY	J	220	6.3V	Electrolytic	AE
C4024	VCAAPE0JJ397MY	J	390	6.3V	Electrolytic	AF
C4025	VCAAPE0JJ397MY	J	390	6.3V	Electrolytic	AF
C4026	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4027	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4028	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4029	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4030	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4031	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4032	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4033	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4034	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4035	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4036	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4037	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4038	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4039	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4040	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4041	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4042	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4043	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4044	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4045	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4046	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4047	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4048	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4049	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4051	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4052	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4054	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4055	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4056	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4057	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4058	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4059	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4060	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4061	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4062	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4063	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4064	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4065	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4066	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4067	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4068	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4069	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4070	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4071	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4072	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4073	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4074	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4075	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4076	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4078	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4079	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4080	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4081	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4082	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4083	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4084	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA

Ref. No.	Part No.	★	Description			Code
C4085	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4086	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4087	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4088	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4089	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4090	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4091	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4092	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4093	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4094	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4096	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4097	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4098	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4099	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4101	VCEASY0JN476MY	J	47	6.3V	Electrolytic	AC
C4102	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4103	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4104	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4105	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4106	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4107	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4108	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4109	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4110	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4111	VCKYCY1HB331KY	J	330p	50V	Ceramic	AA
C4112	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4113	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4115	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4116	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4117	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4118	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4119	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4120	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4121	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4122	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4123	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4124	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4125	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4127	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4128	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4129	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4130	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4131	VCEASY0JN107MY	J	100	6.3V	Electrolytic	AC
C4132	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4133	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4134	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4135	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4136	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4137	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4138	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4139	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4140	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4141	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4142	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4143	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4144	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4145	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4146	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4147	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4148	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4149	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4150	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4151	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4152	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4153	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4155	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4156	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4158	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4161	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4162	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4163	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4164	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4165	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4166	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4167	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4168	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA

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T-CON TOP UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
C4169	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4170	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4171	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4172	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4173	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4174	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4175	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4176	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4177	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4178	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4179	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4180	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4181	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4182	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4183	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4184	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4185	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4186	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4187	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4188	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4189	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4190	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4192	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4193	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4201	VCEASY0JN476MY	J	47 6.3V Electrolytic	AC
C4202	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4203	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C4204	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4205	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4206	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4207	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4208	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4209	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C4210	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4211	VCKYCY1HB331KY	J	330p 50V Ceramic	AA
C4212	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C4213	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4215	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4216	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4217	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4218	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4219	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4220	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4221	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4222	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4223	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4224	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C4225	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4227	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4228	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4229	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4230	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4231	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4232	VCEASY0JN107MY	J	100 6.3V Electrolytic	AC
C4233	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4234	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C4235	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4236	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4237	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4238	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4239	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4240	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4241	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4242	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4243	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4244	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4245	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4246	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4247	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4248	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4249	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4250	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

Ref. No.	Part No.	★	Description	Code
C4251	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4252	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4253	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4254	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4256	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C4257	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C4259	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4260	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4261	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4262	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4263	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4264	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4266	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4267	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4268	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4269	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4270	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4271	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4272	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4273	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4274	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4275	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4276	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4277	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4278	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4279	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4280	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4281	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4282	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4283	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4284	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4285	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4301	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4302	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4303	VCAAPF0JJ227MY	J	220 6.3V Electrolytic	AG
C4304	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4305	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4306	VCAAPF0JJ227MY	J	220 6.3V Electrolytic	AG
C4307	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4308	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4309	VCAAPE0JJ107MY	J	100 6.3V Electrolytic	AE
C4310	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4311	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4312	VCAAPF0JJ227MY	J	220 6.3V Electrolytic	AG
C4313	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4314	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4315	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4316	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4317	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4318	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4319	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4320	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4321	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4322	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4323	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4324	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4325	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4326	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4327	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4328	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4329	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4330	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4331	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4332	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4333	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4334	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C4335	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C4336	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4337	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C4338	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C4339	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4340	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4341	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4342	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C4343	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C4344	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA

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T-CON TOP UNIT(Continued)

Ref. No.	Part No.	★	Description			Code
C4345	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4346	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4347	RC-KZA043WJZZY	J	10	6.3V	Ceramic	AC
C4348	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4349	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4350	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4351	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4352	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4353	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4354	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4355	RC-KZA043WJZZY	J	10	6.3V	Ceramic	AC
C4356	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4357	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4358	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4359	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4360	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4361	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4362	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4363	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4364	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4365	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4366	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4367	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4368	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4369	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4370	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4371	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4372	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4373	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4374	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4375	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4376	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4377	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4378	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4379	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4380	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4381	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4382	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4383	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4384	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4385	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4386	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4387	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4388	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4389	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4390	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4391	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4392	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4393	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4394	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4395	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4396	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4397	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4398	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4399	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4401	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4402	VCEASX0JN476MY	J	47	6.3V	Electrolytic	AC
C4403	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4404	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4405	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4406	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4409	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4410	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4411	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4501	RC-KZA107WJZZY	J	4.7	16V	Ceramic	AC
C4502	RC-KZA107WJZZY	J	4.7	16V	Ceramic	AC
C4503	VCKYCY1HB152KY	J	1500p	50V	Ceramic	AA
C4504	VCCCCY1HH680JY	J	68p	50V	Ceramic	AA
C4505	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4506	RC-KZA110WJZZY	J	10	25V	Ceramic	AD
C4507	RC-KZA110WJZZY	J	10	25V	Ceramic	AD
C4508	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

Ref. No.	Part No.	★	Description			Code
C4509	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4510	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4511	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4512	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4513	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4514	RC-KZA107WJZZY	J	4.7	16V	Ceramic	AC
C4515	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4516	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4517	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4518	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4519	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4520	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4521	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4522	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4523	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4524	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4525	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4526	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4527	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4528	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4529	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4530	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4531	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4532	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4533	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4534	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C4535	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4701	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4702	VCAAPE0JJ107MY	J	100	6.3V	Electrolytic	AE
C4703	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4704	VCAAPE0JJ107MY	J	100	6.3V	Electrolytic	AE
C4705	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4706	VCEASX1VN226MY	J	22	35V	Electrolytic	AC
C4707	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4708	VCEASX1VN226MY	J	22	35V	Electrolytic	AC
C4709	VCAAPC1DJ476MY	J	47	20V	Electrolytic	AG
C4710	VCAAPC1DJ476MY	J	47	20V	Electrolytic	AG
C4711	VCAAPC1CJ226MY	J	22	16V	Electrolytic	AG
C4712	VCAAPC1CJ226MY	J	22	16V	Electrolytic	AG
C4801	VCAAPC1DJ476MY	J	47	20V	Electrolytic	AG
C4802	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C4803	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4805	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4806	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C4807	VCAAPC1DJ476MY	J	47	20V	Electrolytic	AG
C4808	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4809	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C4811	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C4812	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C4813	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4814	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4815	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4816	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C4817	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C4818	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4819	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C4820	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4821	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4822	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4823	VCAAPC1EJ106MY	J	10	25V	Electrolytic	AF
C4824	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C4825	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4826	VCEASY1EN227MY	J	220	25V	Electrolytic	AD
C4827	VCCCCY1HH681JY	J	680p	50V	Ceramic	AB
C4828	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4829	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4830	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C4831	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C4832	VCKYCY1HB222KY	J	2200p	50V	Ceramic	AA
C4833	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C4834	VCEASX1HN105MY	J	1	50V	Electrolytic	AB
C4835	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4836	VCAAPC1CJ107MY	J	100	16V	Electrolytic	AG
C4837	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C4839	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4840	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB

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T-CON TOP UNIT(Continued)

Ref. No.	Part No.	★	Description			Code
C4841	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C4842	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4843	VCKYCY1HB223KY	J	0.022	50V	Ceramic	AA
C4844	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4845	VCAAPE1CJ127MY	J	120	16V	Electrolytic	AF
C4848	VCEASY1EN476MY	J	47	25V	Electrolytic	AC
C4849	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4851	RC-KZ0070TAZZY	J	4.7	16V	Ceramic	AD
C4852	VCKYCY1CF224ZY	J	0.22	16V	Ceramic	AB
C4853	VCCCCY1HH391JY	J	390p	50V	Ceramic	AB
C4854	RC-KZA047WJZZY	J	1	50V	Ceramic	AC
C4857	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4858	VCCCCY1HH5R0CY	J	5p	50V	Ceramic	AA
C4859	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4861	RC-KZ0053TAZZY	J	10	10V	Ceramic	AD
C4862	VCEASY1HN106MY	J	10	50V	Electrolytic	AC
C4863	VCAAPC1DJ476MY	J	47	20V	Electrolytic	AG
C4865	RC-KZA047WJZZY	J	1	50V	Ceramic	AC
C4866	RC-KZ0053TAZZY	J	10	10V	Ceramic	AD
C4867	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4868	VCAAPC1DJ476MY	J	47	20V	Electrolytic	AG
C4869	RC-KZ0072TAZZY	J	1	25V	Ceramic	AC
C4870	VCAAPC1DJ476MY	J	47	20V	Electrolytic	AG
C4871	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4874	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4875	VCKYTV1CB105KY	J	1	16V	Ceramic	AC
C4877	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4901	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4902	RC-KZA043WJZZY	J	10	6.3V	Ceramic	AC
C4903	VCAAPF0JJ227MY	J	220	6.3V	Electrolytic	AG
C4904	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4905	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4906	VCAAPF0JJ227MY	J	220	6.3V	Electrolytic	AG
C4907	VCAAPE0JJ107MY	J	100	6.3V	Electrolytic	AE
C4911	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4912	VCAAPF0JJ227MY	J	220	6.3V	Electrolytic	AG
C4913	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4914	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4915	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4916	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4917	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4918	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4919	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4920	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4921	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4922	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4923	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4924	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4925	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4926	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4927	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4928	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4929	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4930	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4932	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4933	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4934	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C4936	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4937	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4938	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4939	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4940	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4941	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4942	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4943	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C4944	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4945	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4946	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4947	RC-KZA043WJZZY	J	10	6.3V	Ceramic	AC
C4948	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4949	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4950	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4951	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4952	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4953	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4954	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4955	RC-KZA043WJZZY	J	10	6.3V	Ceramic	AC
C4956	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4957	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4958	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4959	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4960	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4961	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4962	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4963	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4964	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4965	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C4966	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4967	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4968	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4969	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4970	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4971	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C4972	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4973	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4974	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4975	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4976	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4977	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4978	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4979	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4980	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C4981	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4982	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4983	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4984	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4985	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4986	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4987	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4988	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4989	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4990	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4991	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4992	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4993	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4994	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4995	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4996	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4997	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C4998	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C4999	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C7001	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C7002	VCCCCY1HH680JY	J	68p	50V	Ceramic	AA
C7003	RC-KZA106WJZZY	J	2.2	25V	Ceramic	AC
C7004	RC-KZA109WJZZY	J	10	16V	Ceramic	AC
C7005	RC-KZA109WJZZY	J	10	16V	Ceramic	AC
C7006	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C7007	VCCCCY1HH680JY	J	68p	50V	Ceramic	AA
C7008	RC-KZA106WJZZY	J	2.2	25V	Ceramic	AC
C7009	RC-KZA109WJZZY	J	10	16V	Ceramic	AC
C7010	RC-KZA109WJZZY	J	10	16V	Ceramic	AC
C7012	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7013	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7014	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7015	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7016	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7017	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7018	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7019	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7020	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7021	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7022	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7023	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7024	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7025	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7026	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7027	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7028	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA

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T-CON TOP UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
C7029	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7030	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7031	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7032	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7033	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7034	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7035	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7036	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7037	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7038	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7039	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7040	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7041	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7042	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7043	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7044	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7045	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7046	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7047	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7048	VCAAPC1DJ276MY	J	27 20V Electrolytic	AF
C7049	VCKYCY1HB222KY	J	2200p 50V Ceramic	AA
C7050	VCKYCY1HB222KY	J	2200p 50V Ceramic	AA
C7051	VCKYCY1CB473KY	J	0.047 16V Ceramic	AA
C7052	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7053	VCKYTV1CB105KY	J	1 16V Ceramic	AC
C7054	RC-KZA073WJZZY	J	10 16V Ceramic	AD
C7055	VCAAPE1CJ396MY	J	39 16V Electrolytic	AE
C7065	RC-KZA106WJZZY	J	2.2 25V Ceramic	AC
C7066	VCKYCY1CB104KY	J	0.1 16V Ceramic	AB
C7067	RC-KZA110WJZZY	J	10 25V Ceramic	AD
C7068	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7069	VCAAPC1DJ226MY	J	22 20V Electrolytic	AE
C7070	VCAAPC1DJ226MY	J	22 20V Electrolytic	AE
C7071	VCEASY0JN476MY	J	47 6.3V Electrolytic	AC
C7072	VCKYCY1CF104ZY	J	0.1 16V Ceramic	AA
C7073	VCKYCY1CF104ZY	J	0.1 16V Ceramic	AA
C7074	VCKYCY1CF104ZY	J	0.1 16V Ceramic	AA
C7075	VCKYCY1CF104ZY	J	0.1 16V Ceramic	AA
C7076	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C7077	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7078	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C7079	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7080	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7081	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C7082	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C7083	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R1701	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1702	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R1703	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1704	VRS-CY1JF133FY	J	13k 1/16W Metal Oxide	AA
R1705	VRS-CY1JF203FY	J	20k 1/16W Metal Oxide	AA
R1706	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R1707	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA
R1708	VRS-CY1JF203FY	J	20k 1/16W Metal Oxide	AA
R1709	VRS-CY1JF224JY	J	220k 1/16W Metal Oxide	AA
R1710	VRS-CY1JF203FY	J	20k 1/16W Metal Oxide	AA
R1711	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA
R1712	VRS-CY1JF392FY	J	3.9k 1/16W Metal Oxide	AA
R1713	VRS-CY1JF203FY	J	20k 1/16W Metal Oxide	AA
R1714	VRS-CY1JF133FY	J	13k 1/16W Metal Oxide	AA
R1715	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1716	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1717	VRS-CY1JF4R7JY	J	4.7 1/16W Metal Oxide	AA
R1718	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1719	VRS-CY1JF4R7JY	J	4.7 1/16W Metal Oxide	AA
R1720	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1721	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1722	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1723	VRS-CY1JF4R7JY	J	4.7 1/16W Metal Oxide	AA
R1724	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1725	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R1726	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1727	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R1728	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2201	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2204	VRS-CJ1JF102JY	J	1k 1/16W Metal Oxide	AA
R2205	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2206	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2207	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2209	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2211	VRS-CJ1JF333JY	J	33k 1/16W Metal Oxide	AA
R2212	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R2213	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R2214	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2216	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2217	VRS-CY1JF393JY	J	39k 1/16W Metal Oxide	AA
R2218	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2219	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R2220	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R2221	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2222	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2223	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2224	VRS-CY1JF394JY	J	390k 1/16W Metal Oxide	AA
R2225	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R2226	VRS-CY1JF106JY	J	10M 1/16W Metal Oxide	AA
R2227	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2228	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2230	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2231	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2232	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2233	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R2234	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R2235	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2236	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R2237	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2238	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2239	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2240	VRS-CY1JF333JY	J	33k 1/16W Metal Oxide	AA
R2241	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2242	VRS-CJ1JF100JY	J	10 1/16W Metal Oxide	AA
R2243	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2244	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2245	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R2246	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2247	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2248	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2249	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2250	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R2251	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2252	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R2253	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2254	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2255	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R2257	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2258	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2259	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2260	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2261	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R2262	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2263	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2264	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2267	VRS-CY1JF822FY	J	8.2k 1/16W Metal Oxide	AA
R2268	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R2269	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R2270	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2271	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R2272	VRS-CY1JF562JY	J	5.6k 1/16W Metal Oxide	AA
R2273	VRS-CY1JF392JY	J	3.9k 1/16W Metal Oxide	AA
R2274	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2275	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2276	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2277	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2278	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2279	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2280	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2285	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA

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T-CON TOP UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R2286	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2287	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2288	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2289	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2291	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2292	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2294	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2295	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2296	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2297	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2298	VRS-CY1JF912JY	J	9.1k 1/16W Metal Oxide	AA
R2300	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R2301	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R2302	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R2303	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R2305	VRS-CY1JF123JY	J	12k 1/16W Metal Oxide	AA
R2306	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2307	VRS-CY1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R2308	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2309	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R2310	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2311	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R2312	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R2314	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R2315	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4001	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4002	VRS-CY1JF270JY	J	27 1/16W Metal Oxide	AA
R4003	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4004	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4005	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4006	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4007	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4008	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4009	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4010	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4011	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4012	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4013	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4014	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4015	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4016	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4017	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4018	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4020	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4021	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4022	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4023	VRS-CH1JF221JY	J	220 1/16W Metal Oxide	AA
R4024	VRS-CJ1JF221JY	J	220 1/16W Metal Oxide	AA
R4025	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4026	VRS-CY1JF270JY	J	27 1/16W Metal Oxide	AA
R4027	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4028	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4029	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4030	VRS-CY1JF270JY	J	27 1/16W Metal Oxide	AA
R4031	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4032	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4033	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4034	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4035	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4036	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4037	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4038	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4039	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4040	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4041	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4042	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4043	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4044	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4045	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4046	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4047	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4048	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4049	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4050	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4051	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4053	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4054	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4055	VRS-CY1JF270JY	J	27 1/16W Metal Oxide	AA
R4056	VRS-CH1JF221JY	J	220 1/16W Metal Oxide	AA
R4057	VRS-CJ1JF221JY	J	220 1/16W Metal Oxide	AA
R4058	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4059	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4060	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4101	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4102	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4103	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4104	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4105	VRS-CH1JF221JY	J	220 1/16W Metal Oxide	AA
R4106	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4108	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4109	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4110	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4111	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4112	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4113	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4114	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4115	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4116	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4117	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4118	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4119	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4120	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4121	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4122	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4123	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4126	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4127	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4129	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R4130	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R4201	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4202	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4203	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4204	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4205	VRS-CH1JF221JY	J	220 1/16W Metal Oxide	AA
R4206	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4208	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4209	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4210	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4211	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4212	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4213	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4214	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4215	VRS-CH1JF100JY	J	10 1/16W Metal Oxide	AA
R4216	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4218	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4219	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4220	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4221	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4222	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4223	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4224	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4225	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4226	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4301	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4302	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R4303	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4304	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4306	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4307	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4309	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4310	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4311	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4312	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4313	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4315	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4316	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4317	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4318	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA

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T-CON TOP UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R4319	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4320	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4321	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4322	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4323	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4324	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4325	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R4326	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4327	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4328	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4329	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R4330	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R4331	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R4332	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R4333	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R4334	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R4335	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4336	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4337	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4338	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4339	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4340	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4341	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4342	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4343	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R4344	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4345	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4346	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4347	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4348	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4349	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4350	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4351	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4352	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R4353	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4354	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4355	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R4356	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4357	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4358	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4359	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4360	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4361	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4362	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R4364	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4365	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4367	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4368	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4369	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4370	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4371	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4372	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R4374	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4375	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4401	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4402	VRS-CH1JF102JY	J	1k 1/16W Metal Oxide	AA
R4403	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4404	VRS-CJ1JF103JY	J	10k 1/16W Metal Oxide	AA
R4405	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4406	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4407	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4408	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4409	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4410	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4411	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4412	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4413	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4414	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4416	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4417	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4418	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4419	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4420	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4421	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4422	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4423	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4424	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4425	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4426	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4427	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4428	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4430	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4431	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4432	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4433	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4434	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4435	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4436	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R4437	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4438	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4440	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4441	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4501	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4502	VRS-TW2ED331JY	J	330 1/4W Metal Oxide	AB
R4505	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4506	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4507	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4508	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4509	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4510	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R4511	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4512	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4513	VRS-CY1JF183FY	J	18k 1/16W Metal Oxide	AA
R4514	VRS-TW2ED101JY	J	100 1/4W Metal Oxide	AA
R4515	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R4516	VRS-CY1JF911FY	J	910 1/16W Metal Oxide	AA
R4517	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4518	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4520	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4521	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4522	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4523	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4524	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4526	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4527	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R4528	VRS-CY1JF153FY	J	15k 1/16W Metal Oxide	AA
R4529	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4530	VRS-CY1JF243FY	J	24k 1/16W Metal Oxide	AA
R4531	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4532	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4533	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4534	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4535	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4536	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4537	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R4538	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R4539	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R4541	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4542	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R4544	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4545	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4548	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4549	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4550	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4551	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4552	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4553	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4554	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4555	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4556	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4557	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4558	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4559	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4560	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4561	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4562	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4563	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4564	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA

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T-CON TOP UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R4565	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4566	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4567	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4568	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4569	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4570	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4571	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R4703	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4705	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4706	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4707	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4708	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4709	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4712	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4714	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4716	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4717	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4730	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4801	VRS-CH1JF152JY	J	1.5k 1/16W Metal Oxide	AA
R4803	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4804	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4805	VRS-CY1JF202FY	J	2k 1/16W Metal Oxide	AA
R4806	VRS-TW2ED330JY	J	33 1/4W Metal Oxide	AA
R4807	VRS-CY1JF104FY	J	100k 1/16W Metal Oxide	AA
R4808	VRS-CY1JF123FY	J	12k 1/16W Metal Oxide	AA
R4809	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4810	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4811	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R4812	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R4813	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R4814	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4815	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4816	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R4817	VRS-CY1JF682FY	J	6.8k 1/16W Metal Oxide	AA
R4818	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4819	VRS-TQ2BD101JY	J	100 1/8W Metal Oxide	AA
R4820	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4821	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4822	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4823	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R4824	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4825	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4826	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R4827	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4828	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R4829	VRS-CY1JF201FY	J	200 1/16W Metal Oxide	AA
R4830	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R4831	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R4832	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R4833	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4834	VRS-CY1JF821JY	J	820 1/16W Metal Oxide	AA
R4835	VRS-TW2HPR10JY	J	0.1 1/2W Metal Oxide	AA
R4836	VRS-TW2HPR16JY	J	0.16 1/2W Metal Oxide	AA
R4838	VRS-CY1JF473JY	J	47k 1/16W Metal Oxide	AA
R4839	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R4840	VRS-CY1JF223JY	J	22k 1/16W Metal Oxide	AA
R4841	VRS-CY1JF821JY	J	820 1/16W Metal Oxide	AA
R4842	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4844	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4845	VRS-TW2HPR10JY	J	0.1 1/2W Metal Oxide	AA
R4846	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4847	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4848	VRS-CY1JF622FY	J	6.2k 1/16W Metal Oxide	AA
R4849	VRS-CY1JF331FY	J	330 1/16W Metal Oxide	AA
R4850	VRS-CY1JF222FY	J	2.2k 1/16W Metal Oxide	AA
R4851	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4852	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R4853	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R4854	VRS-CY1JF105FY	J	1M 1/16W Metal Oxide	AA
R4855	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4856	VRS-CY1JF562FY	J	5.6k 1/16W Metal Oxide	AA
R4857	VRS-CY1JF823FY	J	82k 1/16W Metal Oxide	AA
R4860	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4861	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4862	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4863	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4864	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4865	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4866	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA
R4867	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4868	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4869	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4872	VRS-CY1JF202FY	J	2k 1/16W Metal Oxide	AA
R4873	VRS-CY1JF393FY	J	39k 1/16W Metal Oxide	AA
R4874	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R4875	VRS-TW2HF472JY	J	4.7k 1/2W Metal Oxide	AA
R4878	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4879	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4881	VRS-TW2HF272JY	J	2.7k 1/2W Metal Oxide	AA
R4882	VRS-CY1JF105FY	J	1M 1/16W Metal Oxide	AA
R4884	VRS-CY1JF333FY	J	33k 1/16W Metal Oxide	AA
R4885	VRS-CY1JF105FY	J	1M 1/16W Metal Oxide	AA
R4886	VRS-TV1JD102JY	J	1k 1/16W Metal Oxide	AA
R4887	VRS-CY1JF154FY	J	150k 1/16W Metal Oxide	AA
R4890	VRS-CY1JF105JY	J	1M 1/16W Metal Oxide	AA
R4891	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4892	VRS-TW2HPR10JY	J	0.1 1/2W Metal Oxide	AA
R4893	VRS-TV1JD222JY	J	2.2k 1/16W Metal Oxide	AA
R4894	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4895	VRS-TW2HPR10JY	J	0.1 1/2W Metal Oxide	AA
R4896	VRS-TW2ED821JY	J	820 1/4W Metal Oxide	AB
R4897	VRS-CY1JF104JY	J	100k 1/16W Metal Oxide	AA
R4898	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R4899	VRS-TV1JD222JY	J	2.2k 1/16W Metal Oxide	AA
R4901	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4902	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4903	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4904	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4905	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4906	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4907	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R4911	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4912	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4913	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R4915	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4916	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R4917	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R4919	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4920	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4921	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4922	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R4923	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4926	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4932	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R4933	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R4934	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R4935	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R4936	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R4937	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R4938	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4939	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4940	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4941	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4942	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R4943	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4944	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4945	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4946	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R4947	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4948	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4949	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4950	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4951	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4952	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4953	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4954	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R4955	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R4956	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA

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T-CON TOP UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R4957	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R4958	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R4959	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4960	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4961	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4962	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4963	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4964	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R4966	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4967	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R4969	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R4970	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R7003	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R7004	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R7006	VRS-CY1JF334JY	J	330k 1/16W Metal Oxide	AA
R7007	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R7008	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R7009	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7010	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7011	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7012	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7013	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7014	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7015	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7016	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7017	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7018	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7019	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7020	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7021	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7022	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7023	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7024	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7025	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7026	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7027	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7028	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7029	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7030	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7031	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7032	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7033	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7034	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7035	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7036	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7037	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7038	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7039	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7040	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7041	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7042	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7043	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7044	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7046	VRS-CY1JF334JY	J	330k 1/16W Metal Oxide	AA
R7047	VRS-CY1JF6R8JY	J	6.8 1/16W Metal Oxide	AA
R7048	VRS-CY1JF6R8JY	J	6.8 1/16W Metal Oxide	AA
R7049	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7050	VRS-CY1JF122FY	J	1.2k 1/16W Metal Oxide	AA
R7051	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7052	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R7053	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7054	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7055	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7056	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R7057	VRS-CY1JF393FY	J	39k 1/16W Metal Oxide	AA
R7058	VRS-CY1JF820JY	J	82 1/16W Metal Oxide	AA
R7059	VRS-CY1JF821FY	J	820 1/16W Metal Oxide	AA
R7060	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7061	VRS-TW2HF102JY	J	1k 1/2W Metal Oxide	AA
R7062	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7063	VRS-CY1JF103FY	J	10k 1/16W Metal Oxide	AA
R7064	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7066	VRS-CY1JF180JY	J	18 1/16W Metal Oxide	AA
R7067	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7068	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7069	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB1701	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB1702	RBLN-0064TAZZY	J	Balun, BLN-0064TA	AB
FB1703	RBLN-0064TAZZY	J	Balun, BLN-0064TA	AB
FB1704	RBLN-0064TAZZY	J	Balun, BLN-0064TA	AB
FB1705	RBLN-0064TAZZY	J	Balun, BLN-0064TA	AB
FB1706	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2201	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2203	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB2204	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB2205	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2206	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2207	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2208	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2209	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2210	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2211	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2212	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2213	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB2214	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2216	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2217	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2219	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2220	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2221	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2222	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB2223	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2224	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2225	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2238	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2239	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2240	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2241	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2242	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2243	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2244	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2245	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2246	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2247	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2248	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB2255	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB2256	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4001	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4002	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4003	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4004	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4005	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4006	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4007	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4101	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4102	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4103	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4104	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4201	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4202	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4203	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4204	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4301	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
FB4302	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
FB4303	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
FB4304	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
FB4305	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4306	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4307	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4401	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4801	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4802	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4803	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4804	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4805	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4806	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA

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T-CON TOP UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
FB4807	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4808	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4809	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4810	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4811	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4812	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4813	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4814	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4815	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4816	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4817	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4818	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4819	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4820	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4821	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4823	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4824	RBLN-0064TAZZY	J	Balun, BLN-0064TA	AB
FB4825	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4826	RBLN-0064TAZZY	J	Balun, BLN-0064TA	AB
FB4827	RBLN-0252TAZZY	J	Balun, BLN-0252TA	AA
FB4828	RBLN-0252TAZZY	J	Balun, BLN-0252TA	AA
FB4829	RBLN-0064TAZZY	J	Balun, BLN-0064TA	AB
FB4831	RBLN-0064TAZZY	J	Balun, BLN-0064TA	AB
FB4833	RBLN-0064TAZZY	J	Balun, BLN-0064TA	AB
FB4835	RBLN-0064TAZZY	J	Balun, BLN-0064TA	AB
FB4836	RBLN-0064TAZZY	J	Balun, BLN-0064TA	AB
FB4837	RBLN-0252TAZZY	J	Balun, BLN-0252TA	AA
FB4839	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4840	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4841	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB4901	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
FB4902	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
FB4903	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
FB4904	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
FB4905	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4906	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB4907	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB7001	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
P1702	QPLGNA180WJZZY	J	Plug, 11Pin(PO1)	AF
P2202	QPLGN0974TAZZY	J	Plug, 9Pin(AD)	AD
P2204	QPLGNA413WJZZY	J	Plug, 30Pin(C)	AH
P2205	QPLGNA181WJZZY	J	Plug, 12Pin(LB)	AF
P2206	QPLGNA413WJZZY	J	Plug, 30Pin(LT)	AH
P4301	QPLGN0056CEZZY	J	Plug, 6Pin	AD
P4401	QPLGN0056CEZZY	J	Plug, 6Pin	AD
P4802	QPLGNA176WJZZY	J	Plug, 7Pin(TV)	AE
P4803	QPLGNA346WJZZY	J	Plug, 12Pin(MN1)	AD
P4804	QPLGNA346WJZZY	J	Plug, 12Pin(MN3)	AD
P4805	QPLGN0175FJZZY	J	Plug, 2Pin(FA)	AC
P4806	QPLGN0175FJZZY	J	Plug, 2Pin(FB)	AC
P4807	QPLGN0175FJZZY	J	Plug, 2Pin(FD)	AC
P7001	QPLGN0056CEZZY	J	Plug, 6Pin	AD
SC4001	QSOCNA289WJZZY	J	Socket, 32Pin(E)	AP
SC4002	QSOCNA289WJZZY	J	Socket, 32Pin(D)	AP
SC4201	QSOCNA239WJZZY	J	Socket, 32Pin(HA)	AP
SC4701	QSOCNA222WJZZY	J	Socket, 80Pin(B)	AH
SC4702	QSOCNA222WJZZY	J	Socket, 80Pin(A)	AH
LUG1702	QLUGZA005WJZZY	J	Lug	AD
LUG1703	QLUGZA005WJZZY	J	Lug	AD
LUG4801	QLUGHA006WJZZY	J	Lug	AC
LUG4802	QLUGHA006WJZZY	J	Lug	AC
LUG4803	QLUGHA006WJZZY	J	Lug	AC
LUG4804	QLUGHA006WJZZY	J	Lug	AC
LUG4805	QLUGHA006WJZZY	J	Lug	AC
LUG4806	QLUGHA006WJZZY	J	Lug	AC
LUG4807	QLUGHA006WJZZY	J	Lug	AC
LUG4808	QLUGHA006WJZZY	J	Lug	AC
LUG4809	QLUGHA006WJZZY	J	Lug	AC
LUG4810	QLUGHA006WJZZY	J	Lug	AC

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INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC6303	RH-iXA990WJZZQ	J	XC3S400-4FT256	BH
IC6307	VHiDS90C386-1Y	J	DS90CF386MTDX	AP
IC6308	RH-iXA986WJZZQ	J	MS81V2600-12TB	BB
IC6401	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC6402	VHiTC7W34U/-1Y	J	TC7W34FU	AE
IC6403	RH-iXA990WJZZQ	J	XC3S400-4FT256	BH
IC6405	RH-iXB632WJZZY	J	XCF04SVOG20C	AU
IC6406	VHiPST3629N-1Y	J	PST3629NR	AD
IC6407	VHiDS90C386-1Y	J	DS90CF386MTDX	AP
IC6408	RH-iXA986WJZZQ	J	MS81V2600-12TB	BB
IC6601	VHiBD8133FV-1Y	J	BD8133FV-E2	AS
IC6901	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC6902	VHiPQ1CZ21H-1Y	J	PQ1CZ21H2ZP	AH
IC6903	VHiPQ015YZ5-1Y	J	PQ015YZ5MZP	AF
IC6904	VHiM62320FP-1Y	J	M62320FP	AH
IC6905	VHiTMP100NA-1Y	J	TMP100NA/3K	AM
IC7101	VHILM8261++-1Y	J	LM8261M5X	AH
IC7102	VHILM8261++-1Y	J	LM8261M5X	AH
IC7103	RH-iXB630WJZZQ	J	LC4256V-75TN10	AX

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q6602	VSTP0610T++-1Y	J	TP0610T1	AD
Q6603	VS2SC3928AR-1Y	J	2SC3928AR	AB
Q6604	VS2SK1826++-1Y	J	2SK1826	AC
Q6605	VS2SK1826++-1Y	J	2SK1826	AC
Q6901	VS2SK536///-1Y	J	2SK536	AE
Q6902	VS2SK536///-1Y	J	2SK536	AE
Q7101	VS2SD1758++-1Y	J	2SD1758	AE
Q7102	VS2SB1182//2EY	J	2SB1182	AE
Q7103	VS2SD1758++-1Y	J	2SD1758	AE
Q7104	VS2SB1182//2EY	J	2SB1182	AE
Q7105	VS2SD1758++-1Y	J	2SD1758	AE
Q7106	VS2SB1182//2EY	J	2SB1182	AE
Q7107	VS2SD1758++-1Y	J	2SD1758	AE
Q7108	VS2SB1182//2EY	J	2SB1182	AE
Q7109	VSQS6M4++++-1Y	J	QS6M4	AD
Q7110	VSQS6M4++++-1Y	J	QS6M4	AD
Q7111	VSQS6M4++++-1Y	J	QS6M4	AD
Q7112	VSQS6M4++++-1Y	J	QS6M4	AD
Q7113	VSQS6M4++++-1Y	J	QS6M4	AD
Q7114	VSQS6M4++++-1Y	J	QS6M4	AD
Q7115	VSQS6M4++++-1Y	J	QS6M4	AD
Q7116	VSQS6M4++++-1Y	J	QS6M4	AD
Q7117	VSQS6M4++++-1Y	J	QS6M4	AD
Q7118	VSQS6M4++++-1Y	J	QS6M4	AD
Q7119	VSQS6M4++++-1Y	J	QS6M4	AD
Q7120	VSQS6M4++++-1Y	J	QS6M4	AD

DIODES

Ref. No.	Part No.	★	Description	Code
D6601	RH-EX1274CEZZY	J	Zener Diode, 13V	AB
D6602	VHDHSU119//-1Y	J	HSU119	AB
D6901	VHDFUJ3C+++-1Y	J	FUJ3C1	AD
D6902	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D6903	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D6904	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D6905	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D6906	VHDSFPB54//2EY	J	SFPB54	AC
D6907	VHDHSU119//-1Y	J	HSU119	AB
D6908	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D6909	RH-EX1234CEZZY	J	Zener Diode, 3.6V	AE
D7101	VHDRB521S30-1Y	J	RB521S30	AC
D7102	VHDRB521S30-1Y	J	RB521S30	AC
D7103	VHDRB521S30-1Y	J	RB521S30	AC
D7104	VHDRB521S30-1Y	J	RB521S30	AC
D7105	VHDRB521S30-1Y	J	RB521S30	AC
D7106	VHDRB521S30-1Y	J	RB521S30	AC
D7107	VHDRB521S30-1Y	J	RB521S30	AC
D7108	VHDRB521S30-1Y	J	RB521S30	AC
D7109	VHDRB521S30-1Y	J	RB521S30	AC
D7110	VHDRB521S30-1Y	J	RB521S30	AC
D7111	VHDRB521S30-1Y	J	RB521S30	AC

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Ref. No.	Part No.	★	Description	Code
D7112	VHDRB521S30-1Y	J	RB521S30	AC

COILS AND FILTERS

Ref. No.	Part No.	★	Description	Code
FL6801	RFiLNA007WJZZY	J	Filter	AD
FL6802	RFiLNA007WJZZY	J	Filter	AD
FL6803	RFiLNA007WJZZY	J	Filter	AD
FL6804	RFiLNA007WJZZY	J	Filter	AD
L6301	VPD9M100J1R7NY	J	Peaking, 10μH	AC
L6401	VPD9M100J1R7NY	J	Peaking, 10μH	AC
L6901	RCiLP0303TAZZY	J	Coil	AG
L6902	RCiLP0343TAZZY	J	Coil	AD
L6903	RCiLP0343TAZZY	J	Coil	AD
L6904	RCiLP0301TAZZY	J	Coil	AF
L6905	RCiLP0343TAZZY	J	Coil	AD

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C6101	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6102	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6103	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C6125	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6126	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6301	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6302	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C6303	VCAAPF0JJ227MY	J	220 6.3V Electrolytic	AG
C6304	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6305	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6306	VCAAPF0JJ227MY	J	220 6.3V Electrolytic	AG
C6307	VCAAPE0JJ107MY	J	100 6.3V Electrolytic	AE
C6311	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6312	VCAAPF0JJ227MY	J	220 6.3V Electrolytic	AG
C6313	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6314	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6315	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6316	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6317	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6318	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6319	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6320	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6321	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6322	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6323	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6324	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6325	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6326	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6327	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6328	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6329	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6330	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6332	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6333	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6334	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6336	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6337	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6338	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6339	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6340	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6341	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6342	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6343	VCEASY1CN107MY	J	100 16V Electrolytic	AC
C6344	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6345	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6346	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6347	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C6348	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6349	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6350	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6351	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6352	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6353	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6354	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6355	RC-KZA043WJZZY	J	10 6.3V Ceramic	AC
C6356	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6357	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6358	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6359	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6360	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6361	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6362	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6363	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6364	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6365	RC-KZA101WJZZY	J	10 6.3V Ceramic	AC
C6366	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6367	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6368	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6369	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6370	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6371	VCKYCY1HB102KY	J	1000p 50V Ceramic	AA
C6372	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6373	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6374	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6375	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6376	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6377	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6378	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6379	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6380	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6381	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6382	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6383	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6384	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6385	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6386	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6387	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6388	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6389	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6390	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6391	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6392	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6393	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6394	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6395	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6396	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6397	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6398	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6399	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C6401	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6402	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6403	VCAAPF0JJ227MY	J	220 6.3V Electrolytic	AG
C6404	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6405	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6406	VCAAPF0JJ227MY	J	220 6.3V Electrolytic	AG
C6407	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6408	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6409	VCAAPE0JJ107MY	J	100 6.3V Electrolytic	AE
C6410	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6411	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6412	VCAAPF0JJ227MY	J	220 6.3V Electrolytic	AG
C6413	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6414	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6415	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C6416	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6417	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6418	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6419	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6420	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6421	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6422	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6423	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6424	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6425	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6426	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6427	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6428	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6429	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6430	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6431	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C6432	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA
C6433	VCKYCY1HB472KY	J	4700p 50V Ceramic	AA

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Ref. No.	Part No.	★	Description			Code
C6434	VCKYCY1HB472KY	J	4700p	50V	Ceramic	AA
C6435	VCKYCY1CB104KY	J	0.1	16V	Ceramic	AB
C6436	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6437	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C6438	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6439	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6440	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6441	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6442	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6443	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C6444	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6445	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6446	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6447	RC-KZA043WJZZY	J	10	6.3V	Ceramic	AC
C6448	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6449	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6450	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6451	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6452	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6453	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6454	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6455	RC-KZA043WJZZY	J	10	6.3V	Ceramic	AC
C6456	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6457	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6458	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6459	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6460	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6461	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6462	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6463	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6464	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C6465	RC-KZA101WJZZY	J	10	6.3V	Ceramic	AC
C6466	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6467	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C6468	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C6469	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6470	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6471	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C6472	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C6473	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6474	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6475	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6476	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6477	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C6478	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6479	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6480	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6481	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6482	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C6483	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6484	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C6485	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6486	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C6487	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C6488	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C6489	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6490	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C6491	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6492	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C6493	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C6494	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6495	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C6496	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6497	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C6498	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C6499	VCCCCY1HH101JY	J	100p	50V	Ceramic	AA
C6604	RC-KZA047WJZZY	J	1	50V	Ceramic	AC
C6605	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6606	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6608	RC-KZA107WJZZY	J	4.7	16V	Ceramic	AC
C6609	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6610	VCKYCY1HB102KY	J	1000p	50V	Ceramic	AA
C6612	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6613	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6614	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6615	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6616	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6617	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6618	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6619	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6620	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6621	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6622	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6623	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6624	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6625	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6626	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6627	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6628	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6629	RC-KZA114WJZZY	J	1	25V	Ceramic	AB
C6630	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6631	RC-KZA110WJZZY	J	10	25V	Ceramic	AD
C6632	RC-KZA110WJZZY	J	10	25V	Ceramic	AD
C6633	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6801	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6802	VCAAPE0JJ107MY	J	100	6.3V	Electrolytic	AE
C6803	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6804	VCAAPE0JJ107MY	J	100	6.3V	Electrolytic	AE
C6805	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6806	VCEASX1VN226MY	J	22	35V	Electrolytic	AC
C6807	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6808	VCEASX1VN226MY	J	22	35V	Electrolytic	AC
C6809	VCAAPC1DJ476MY	J	47	20V	Electrolytic	AG
C6810	VCAAPC1DJ476MY	J	47	20V	Electrolytic	AG
C6811	VCAAPC1CJ226MY	J	22	16V	Electrolytic	AG
C6812	VCAAPC1CJ226MY	J	22	16V	Electrolytic	AG
C6901	VCEASY1EN227MY	J	220	25V	Electrolytic	AD
C6903	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C6904	VCEASY1EN227MY	J	220	25V	Electrolytic	AD
C6905	VCCCCY1HH681JY	J	680p	50V	Ceramic	AB
C6906	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C6907	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6908	VCEASY1CN107MY	J	100	16V	Electrolytic	AC
C6909	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6910	VCKYCY1CF334ZY	J	0.33	16V	Ceramic	AB
C6919	VCEASY1CN477MY	J	470	16V	Electrolytic	AD
C6920	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C6923	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C6924	RC-KZA043WJZZY	J	10	6.3V	Ceramic	AC
C7101	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C7102	VCCCCY1HH680JY	J	68p	50V	Ceramic	AA
C7103	RC-KZA106WJZZY	J	2.2	25V	Ceramic	AC
C7104	RC-KZA109WJZZY	J	10	16V	Ceramic	AC
C7105	RC-KZA109WJZZY	J	10	16V	Ceramic	AC
C7106	VCKYCY1EB104KY	J	0.1	25V	Ceramic	AB
C7107	VCCCCY1HH680JY	J	68p	50V	Ceramic	AA
C7108	RC-KZA106WJZZY	J	2.2	25V	Ceramic	AC
C7109	RC-KZA109WJZZY	J	10	16V	Ceramic	AC
C7110	RC-KZA109WJZZY	J	10	16V	Ceramic	AC
C7112	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7113	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7114	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7115	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7116	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7117	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7118	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7119	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7120	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7121	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7122	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7123	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7124	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7125	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7126	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7127	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7128	VCKYCY1EF104ZY	J	0.1	25V	Ceramic	AA
C7129	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA
C7130	VCKYCY1HB103KY	J	0.01	50V	Ceramic	AA

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T-CON BOTTOM UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
C7131	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7132	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7133	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7134	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7135	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7136	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7137	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7138	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7139	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7140	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7141	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7142	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7143	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7144	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7145	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7146	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7147	RC-KZA106WJZZY	J	2.2 25V Ceramic	AC
C7148	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7165	VCKYCY1EF104ZY	J	0.1 25V Ceramic	AA
C7166	VCAAPC1DJ226MY	J	22 20V Electrolytic	AE
C7167	VCAAPC1DJ226MY	J	22 20V Electrolytic	AE
C7171	VCEASY0JN476MY	J	47 6.3V Electrolytic	AC
C7172	VCKYCY1CF104ZY	J	0.1 16V Ceramic	AA
C7173	VCKYCY1CF104ZY	J	0.1 16V Ceramic	AA
C7174	VCKYCY1CF104ZY	J	0.1 16V Ceramic	AA
C7175	VCKYCY1CF104ZY	J	0.1 16V Ceramic	AA
C7176	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C7177	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7178	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C7179	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7180	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA
C7181	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C7182	VCCCCY1HH101JY	J	100p 50V Ceramic	AA
C7183	VCKYCY1HB103KY	J	0.01 50V Ceramic	AA

RESISTORS

Ref. No.	Part No.	★	Description	Code
R6301	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6302	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6303	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6304	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6305	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6306	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6307	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R6308	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6310	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R6312	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R6313	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R6315	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R6316	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R6317	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6319	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6320	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6321	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6322	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6323	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6326	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6332	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R6333	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R6334	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R6335	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R6336	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R6337	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R6338	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R6339	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6340	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6341	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R6342	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R6343	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6344	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R6345	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6346	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R6347	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6348	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6349	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6350	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6351	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R6352	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6353	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6354	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6355	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R6356	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6357	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R6358	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R6359	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6360	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6361	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6362	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6363	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6364	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6366	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6367	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6368	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6401	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6402	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R6403	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6404	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6405	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R6407	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R6409	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6410	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R6411	VRS-CJ1JF101JY	J	100 1/16W Metal Oxide	AA
R6412	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6414	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6415	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6416	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6417	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6418	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6419	VRS-CH1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6420	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6421	VRS-CJ1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6422	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R6423	VRS-CY1JF331JY	J	330 1/16W Metal Oxide	AA
R6424	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R6425	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6426	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6427	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R6428	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R6429	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R6430	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R6431	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R6432	VRS-CY1JF220JY	J	22 1/16W Metal Oxide	AA
R6433	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R6434	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6435	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6436	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R6437	VRS-CH1JF470JY	J	47 1/16W Metal Oxide	AA
R6438	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6439	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R6440	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6441	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R6442	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6443	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6444	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6445	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6446	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R6447	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6448	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6449	VRS-CY1JF101FY	J	100 1/16W Metal Oxide	AA
R6450	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R6451	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6452	VRS-CH1JF680JY	J	68 1/16W Metal Oxide	AA
R6453	VRS-CJ1JF680JY	J	68 1/16W Metal Oxide	AA
R6454	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6455	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6456	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6457	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6458	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA
R6459	VRS-CH1JF101JY	J	100 1/16W Metal Oxide	AA

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T-CON BOTTOM UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R6460	VRS-CJ1JF330JY	J	33 1/16W Metal Oxide	AA
R6462	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6464	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6465	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6466	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6467	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6468	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6469	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6470	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R6471	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6472	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6601	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6602	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6606	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6607	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6608	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6609	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6610	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6611	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6612	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6614	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6615	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6616	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6617	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6618	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R6620	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6622	VRS-TW2HF272JY	J	2.7k 1/2W Metal Oxide	AA
R6623	VRS-TV1JD222JY	J	2.2k 1/16W Metal Oxide	AA
R6624	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6625	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6626	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6627	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6628	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6629	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6630	VRS-TW2ED000JY	J	0 1/4W Metal Oxide	AB
R6632	VRS-CY1JF183JY	J	18k 1/16W Metal Oxide	AA
R6636	VRS-TV1JD222JY	J	2.2k 1/16W Metal Oxide	AA
R6637	VRS-TQ2BD101JY	J	100 1/8W Metal Oxide	AA
R6638	VRS-TW2ED821JY	J	820 1/4W Metal Oxide	AB
R6639	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6640	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6642	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6643	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6644	VRS-CY1JF103JY	J	10k 1/16W Metal Oxide	AA
R6647	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6648	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6649	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6650	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6651	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6652	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6653	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6654	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6655	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6656	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6657	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6658	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6659	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6660	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6661	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6662	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6663	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6664	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6666	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6667	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R6668	VRS-CY1JF102JY	J	1k 1/16W Metal Oxide	AA
R6670	VRS-TV1JD000JY	J	0 1/16W Metal Oxide	AA
R6671	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6673	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6803	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6805	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6806	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6807	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6808	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6809	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6811	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6813	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6816	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R6818	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6830	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6901	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R6902	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6903	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R6904	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R6906	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6907	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R6908	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6909	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6910	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R6912	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6915	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6916	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6917	VRS-CY1JF182FY	J	1.8k 1/16W Metal Oxide	AA
R6918	VRS-CY1JF332FY	J	3.3k 1/16W Metal Oxide	AA
R6923	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R6924	VRS-CY1JF101JY	J	100 1/16W Metal Oxide	AA
R6925	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R6926	VRS-CY1JF201FY	J	200 1/16W Metal Oxide	AA
R6927	VRS-CY1JF102FY	J	1k 1/16W Metal Oxide	AA
R6929	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R6930	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6931	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R6933	VRS-CY1JF470JY	J	47 1/16W Metal Oxide	AA
R7104	VRS-CY1JF334JY	J	330k 1/16W Metal Oxide	AA
R7105	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R7106	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R7107	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7108	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7109	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7110	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7111	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7112	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7113	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7114	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7115	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7116	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7117	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7118	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7119	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7120	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7121	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7122	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7123	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7124	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7125	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7126	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7127	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7128	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7129	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7130	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7131	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7132	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7133	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7134	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7135	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7136	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7137	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7138	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7139	VRS-CY1JF514JY	J	510k 1/16W Metal Oxide	AA
R7140	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7141	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7142	VRS-CY1JF100JY	J	10 1/16W Metal Oxide	AA
R7144	VRS-CY1JF334JY	J	330k 1/16W Metal Oxide	AA
R7147	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R7148	VRS-CY1JF330JY	J	33 1/16W Metal Oxide	AA
R7149	VRS-CY1JF6R8JY	J	6.8 1/16W Metal Oxide	AA
R7150	VRS-CY1JF6R8JY	J	6.8 1/16W Metal Oxide	AA
R7164	VRS-CY1JF472JY	J	4.7k 1/16W Metal Oxide	AA
R7166	VRS-CY1JF180JY	J	18 1/16W Metal Oxide	AA

DUNTKD580UJ05
T-CON BOTTOM UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R7167	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7168	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA
R7169	VRS-CY1JF000JY	J	0 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB6301	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
FB6302	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
FB6303	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
FB6304	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
FB6305	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6306	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6307	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6401	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
FB6402	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
FB6403	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
FB6404	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
FB6405	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6406	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6407	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6901	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6902	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6903	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6904	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6905	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6906	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6907	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6908	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6909	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6910	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6911	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6912	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6913	RBLN-0252TAZZY	J	Balun, BLN-0252TA	AA
FB6914	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6915	RBLN-0064TAZZY	J	Balun, BLN-0064TA	AB
FB6916	RBLN-0252TAZZY	J	Balun, BLN-0252TA	AA
FB6917	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6918	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6919	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6920	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6921	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6922	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6923	RBLN-0210TAZZY	J	Balun, BLN-0210TA	AB
FB6924	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6926	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6927	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6928	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6929	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6930	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6931	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6932	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6933	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6934	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6936	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6937	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6938	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6939	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6940	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6941	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6942	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6943	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6944	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6945	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6946	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6947	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6948	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6949	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB6950	RBLN-A005WJZZY	J	Balun, BLN-A005WJ	AA
FB7101	RBLN-0095CEZZY	J	Balun, BLN-0095CE	AD
P6401	QPLGN0056CEZZY	J	Plug, 6Pin	AD
P6901	QPLGNA168WJZZY	J	Plug, 12Pin(LB)	AF
P6902	QPLGNA416WJZZY	J	Plug, 30Pin(LT)	AH
P6903	QPLGNA335WJZZY	J	Plug, 15Pin(RM)	AD

Ref. No.	Part No.	★	Description	Code
P7101	QPLGN0056CEZZY	J	Plug, 6Pin	AD
SC6302	QSOCNA239WJZZY	J	Socket, 32Pin(HB)	AP
SC6801	QSOCNA222WJZZY	J	Socket, 80Pin(G)	AH
SC6802	QSOCNA222WJZZY	J	Socket, 80Pin(F)	AH
LUG6901	QLUGHA006WJZZY	J	Lug	AC
LUG6902	QLUGHA006WJZZY	J	Lug	AC
LUG6903	QLUGHA006WJZZY	J	Lug	AC
LUG6904	QLUGHA006WJZZY	J	Lug	AC
LUG6905	QLUGHA006WJZZY	J	Lug	AC
LUG6906	QLUGHA006WJZZY	J	Lug	AC
	JBTN-A306WJKA	J	Button	AG
	JBTN-A476WJKA	J	Button	AM

RDENCA152WJQZ
POWER SUPPLY MAIN UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC101	95CH3151AC001	J	IC, FA5502M	AZ
IC201	95CH3193AL002	J	IC, MIP2E2DMY	AU
IC251	95CH10Q3AQ001	J	IC, TA76431	AL
IC351	95CH10Q3AQ001	J	IC, TA76431	AL
IC451	95CH10Q3AQ001	J	IC, TA76431	AL

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q101	95CT3528KL001	J	2SK3528	AZ
Q102	95CT3528KL001	J	2SK3528	AZ
Q103	95CT1858DR001	J	2SD1858	AH
Q104	95CT1237BR001	J	2SB1237	AH
Q201	95CT4097CC002	J	2SC4097	AE
Q202	95CT4097CC002	J	2SC4097	AE
Q203	95CT1576AC002	J	2SA1576A	AD
Q204	95CT4097CC002	J	2SC4097	AE
Q205	95CT4097CC002	J	2SC4097	AE
Q206	95CT4097CC002	J	2SC4097	AE
Q261	95CT4097CC002	J	2SC4097	AE
Q262	95CT1577AC002	J	2SA1577	AE
Q263	95CT4097CC002	J	2SC4097	AE
Q301	95CT3683KL001	J	2SK3683	AW
Q302	95CT4097CC002	J	2SC4097	AE
Q310	95CT4097CC002	J	2SC4097	AE
Q312	95CT4097CC002	J	2SC4097	AE
Q320	95CT3683KL001	J	2SK3683	AW
Q322	95CT4097CC002	J	2SC4097	AE
Q401	95CT3561KL001	J	2SK3561	AN
Q402	95CT4097CC002	J	2SC4097	AE
Q410	95CT4097CC002	J	2SC4097	AE
Q412	95CT4097CC002	J	2SC4097	AE
Q420	95CT3561KL001	J	2SK3561	AN
Q422	95CT4097CC002	J	2SC4097	AE

DIODES

Ref. No.	Part No.	★	Description	Code
D1	95CD1018AQ006	J	D15XB60	AP
D2	95CD1057AQ006	J	ERA15-06	AE
D3	95CD1057AQ006	J	ERA15-06	AE
D51	95CD2095AQ008	J	1SS355	AD
D52	95CD2095AQ008	J	1SS355	AD
D101	95CD2172AL006	J	SF10L60U	AR
D107	95CD2071AQ002	J	ERA92-02	AG
D201	95CD4103AC053	J	Zener Diode, MA8390-M	AD
D202	95CD4055AQ016	J	Zener Diode, MTZJFT-777.5A	AD
D203	95CD2095AQ008	J	1SS355	AD
D204	95CD4103AC041	J	Zener Diode, MA8330-L	AD
D205	95CD2095AQ008	J	1SS355	AD
D206	95CD4103AC052	J	Zener Diode, MA8047-M	AD
D207	95CD2095AQ008	J	1SS355	AD
D208	95CD2067AQ010	J	ERA22-10	AG
D209	95CD2067AQ010	J	ERA22-10	AG
D210	95CD2071AQ002	J	ERA92-02	AG
D251	95CD2005BQ206	J	ERC81-006	AL
D252	95CD4103AC005	J	Zener Diode, MA8056-M	AD
D253	95CD2095AQ008	J	1SS355	AD
D261	95CD4103AC043	J	Zener Diode, MA8180-M	AD

RDENCA152WJQZ
POWER SUPPLY MAIN UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
D302	95CD2095AQ008	J	1SS355	AD
D303	95CD2095AQ008	J	1SS355	AD
D304	95CD2095AQ008	J	1SS355	AD
D306	95CD2095AQ008	J	1SS355	AD
D307	95CD2095AQ008	J	1SS355	AD
D310	95CD2095AQ008	J	1SS355	AD
D312	95CD4103AC008	J	Zener Diode, MA8068-M	AD
D313	95CD2095AQ008	J	1SS355	AD
D321	95CD4103AC008	J	Zener Diode, MA8068-M	AD
D322	95CD2095AQ008	J	1SS355	AD
D323	95CD4103AC015	J	Zener Diode, MA8100-M	AD
D330	95CD2095AQ008	J	1SS355	AD
D331	95CD2095AQ008	J	1SS355	AD
D351	95CD3142AL001	J	YG862C15R	AN
D352	95CD3142AL001	J	YG862C15R	AN
D353	95CD3142AL001	J	YG862C15R	AN
D354	95CD4103AC024	J	Zener Diode, MA8270-H	AD
D355	95CD2095AQ008	J	1SS355	AD
D402	95CD2095AQ008	J	1SS355	AD
D403	95CD2095AQ008	J	1SS355	AD
D404	95CD2095AQ008	J	1SS355	AD
D406	95CD2095AQ008	J	1SS355	AD
D407	95CD2095AQ008	J	1SS355	AD
D410	95CD2095AQ008	J	1SS355	AD
D412	95CD4103AC008	J	Zener Diode, MA8068-M	AD
D413	95CD2095AQ008	J	1SS355	AD
D421	95CD4103AC008	J	Zener Diode, MA8068-M	AD
D422	95CD2095AQ008	J	1SS355	AD
D423	95CD4103AC010	J	Zener Diode, MA8075-M	AD
D430	95CD2095AQ008	J	1SS355	AD
D431	95CD2095AQ008	J	1SS355	AD
D451	95CD2027BQ006	J	YG805C06R	AP
D452	95CD2027BQ006	J	YG805C06R	AP
D454	95CD4103AC021	J	Zener Diode, MA8150-M	AD
D455	95CD2095AQ008	J	1SS355	AD

COILS AND FILTER

Ref. No.	Part No.	★	Description	Code
⚠ L1	95CL1206RS103	J	Linefilter, DRB25-06A103NP 6A10mH	AS
L101	95CL1167RS101	J	Coil, STP-03084	AN
L102	95CL1000VS003	J	Coil, 1V003	AZ

TRANSFORMERS

Ref. No.	Part No.	★	Description	Code
⚠ T201	95CL2100DS101	J	Transformer, 101D1	AW
⚠ T301	95CL2000VS042	J	Transformer, 2V042	BA
⚠ T401	95CL2000QL098	J	Transformer, 2Q098	AX

OPTICAL ISOLATERS

Ref. No.	Part No.	★	Description	Code
⚠ PC201	95CH7152AS001	J	Optical Isolater, PS2581AL1	AH
⚠ PC202	95CH7152AS001	J	Optical Isolater, PS2581AL1	AH
⚠ PC203	95CH7152AS001	J	Optical Isolater, PS2581AL1	AH
⚠ PC301	95CH7152AS001	J	Optical Isolater, PS2581AL1	AH
⚠ PC401	95CH7152AS001	J	Optical Isolater, PS2581AL1	AH

CAPACITORS

Ref. No.	Part No.	★	Description	Code
⚠ C1	95CC2131QS474	J	0.47 AC275V Film (LE-M-C)	AK
C101	95CC2110YS105	J	1.0(MMK) 450V Film	AN
C102	95CC2107MS225	J	2.2 450V Film (MMW-HP)	AP
C107	95CC1101RR101	J	100p(SL) 1kV Ceramic	AD
C109	95CC1101RR470	J	47p(SL) 1kV Ceramic	AE
C110	95CC1132EC104	J	0.1(B) 50V Ceramic	AC
C111	95CC1132CC104	J	0.1(B) 25V Ceramic	AC
C112	95CC1131EC471	J	470p(CH) 50V Ceramic	AC
C113	95CC1102EC472	J	4700p 50V Ceramic	AC
C114	95CC1131EC101	J	100p 50V Ceramic	AC
C115	95CC1131EC471	J	470p(CH) 50V Ceramic	AC
C116	95CC1132CC104	J	0.1(B) 25V Ceramic	AC
C122	95CC1132CC104	J	0.1(B) 25V Ceramic	AC
C123	95CC1152EC105	J	1(B) 50V Ceramic	AE
C124	95CC1102EC103	J	0.01 50V Ceramic	AC
C130	95CC2038NQ104	J	0.1 630V Film (ECQ-E)	AK
C201	95CC3126MS121	J	120(KMQ) 400V Electrolytic	AS
C202	95CC10A9RQ102	J	1000p(HR) 1kV Ceramic	AE
C203	95CC30A0DQ560	J	56(ZL) 35V Electrolytic	AE
C204	95CC1132BC224	J	0.22(B) 16V Ceramic	AC
C205	95CC1132ZC105	J	1(B) 6.3V Ceramic	AC
C206	95CC1152EC105	J	1(B) 50V Ceramic	AE
C207	95CC1152EC105	J	1(B) 50V Ceramic	AE
C209	95CC1132CC104	J	0.1(B) 25V Ceramic	AC
C210	95CC30A0DQ560	J	56(ZL) 35V Electrolytic	AE
C251	95CC10A9RQ102	J	1000p(HR) 1kV Ceramic	AE
C252	95CC30A0AQ152	J	1500(ZL) 10V Electrolytic	AL
C253	95CC30A0AQ471	J	470(ZL) 10V Electrolytic	AG
C255	95CC1132BC224	J	0.22(B) 16V Ceramic	AC
C261	95CC1132CC104	J	0.1(B) 25V Ceramic	AC
⚠ C291	95CC1384QS102	J	1000p(E) KH Ceramic	AE
⚠ C292	95CC1384QS102	J	1000p(E) KH Ceramic	AE
C301	95CC3124YL151	J	150(KMQ) 450V Electrolytic	AW
C303	95CC1131EC101	J	100p 50V Ceramic	AC
C309	95CC1151EC472	J	4700p(CH) 50V Ceramic	AE
C310	95CC1102EC103	J	0.01 50V Ceramic	AC
C320	95CC2110YS474	J	0.47(MMK) 450V Film	AM
C321	95CC1102EC222	J	2200p(B) 50V Ceramic	AC
C322	95CC1151EC472	J	4700p(CH) 50V Ceramic	AE
C351	95CC10A9RQ102	J	1000p(HR) 1kV Ceramic	AE
C352	95CC30A0DQ182	J	1800(ZL) 35V Electrolytic	AN
C353	95CC30A0DQ182	J	1800(ZL) 35V Electrolytic	AN
C354	95CC30A0DQ182	J	1800(ZL) 35V Electrolytic	AN
C355	95CC30A0DQ182	J	1800(ZL) 35V Electrolytic	AN
C357	95CC1152EC224	J	0.22(B) 50V Ceramic	AE
C358	95CC1132EC104	J	0.1(B) 50V Ceramic	AC
⚠ C391	95CC1384QS102	J	1000p(E) KH Ceramic	AE
⚠ C392	95CC1384QS102	J	1000p(E) KH Ceramic	AE
C401	95CC3124YL151	J	150(KMQ) 450V Electrolytic	AW
C403	95CC1131EC101	J	100p 50V Ceramic	AC
C409	95CC1151EC472	J	4700p(CH) 50V Ceramic	AE
C410	95CC1102EC103	J	0.01 50V Ceramic	AC
C420	95CC2110YS474	J	0.47(MMK) 450V Film	AM
C421	95CC1102EC222	J	2200p(B) 50V Ceramic	AC
C422	95CC1151EC472	J	4700p(CH) 50V Ceramic	AE
C451	95CC10A9RQ102	J	1000p(HR) 1kV Ceramic	AE
C452	95CC30A0CQ152	J	1500(ZL) 25V Electrolytic	AM
C453	95CC30A0CQ152	J	1500(ZL) 25V Electrolytic	AM
C454	95CC30A0CQ152	J	1500(ZL) 25V Electrolytic	AM
C457	95CC1152EC224	J	0.22(B) 50V Ceramic	AE
C458	95CC1132EC103	J	0.01(B) 50V Ceramic	AB

RESISTORS

Ref. No.	Part No.	★	Description	Code
R101	95CR3136AC274	J	270k 1/4W Resistor	AC
R102	95CR3136AC274	J	270k 1/4W Resistor	AC
R103	95CR3136AC274	J	270k 1/4W Resistor	AC
R104	95CR3117VC332	J	3.3k 1/10W Resistor	AC
R115	95CR3136AC224	J	220k 1/4W Resistor	AC
R116	95CR3136AC224	J	220k 1/4W Resistor	AC
R117	95CR3136AC224	J	220k 1/4W Resistor	AC
R118	95CR3117VC391	J	390 1/10W Resistor	AC
R119	95CR3117VC222	J	2.2k 1/10W Resistor	AC
R121	95CR3136AC334	J	330k 1/4W Resistor	AC
R122	95CR3136AC274	J	270k 1/4W Resistor	AC
R123	95CR3136AC274	J	270k 1/4W Resistor	AC
R124	95CR3117VC332	J	3.3k 1/10W Resistor	AC
R125	95CR4052DQ151	J	150 2W Resistor	AE
R126	95CR3111VC221	J	220 1/10W Resistor	AB
R127	95CR3111VC221	J	220 1/10W Resistor	AB
R128	95CR3117VC333	J	33k 1/10W Resistor	AC
R129	95CR3113VC184	J	180k 1/10W Resistor	AB
R130	95CR3117VC333	J	33k 1/10W Resistor	AC
R131	95CR3111VC183	J	18k 1/10W Resistor	AB
R132	95CR3117VC270	J	27 1/10W Resistor	AC
R136	95CR3111VC103	J	10k 1/10W Resistor	AB
R137	95CR3111VC103	J	10k 1/10W Resistor	AB
R138	95CR3067DQR47	J	0.47 2W Resistor	AE
R139	95CR3067DQR47	J	0.47 2W Resistor	AE
R140	95CR3067DQR47	J	0.47 2W Resistor	AE
R141	95CR3067DQR33	J	0.33 2W Resistor	AE

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POWER SUPPLY MAIN UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R142	95CR3067DQR33	J	0.33 2W Resistor	AE
R144	95CR3113VC105	J	1M 1/10W Resistor	AB
R145	95CR3113VC105	J	1M 1/10W Resistor	AB
R151	95CR3131AC220	J	22 1/4W Resistor	AB
R152	95CR3131AC220	J	22 1/4W Resistor	AB
R201	95CR3133AC334	J	330k 1/4W Resistor	AC
R202	95CR3133AC334	J	330k 1/4W Resistor	AC
R203	95CR3133AC334	J	330k 1/4W Resistor	AC
R204	95CR3133AC334	J	330k 1/4W Resistor	AC
R205	95CR3113VC104	J	100k 1/10W Resistor	AB
R206	95CR3111VC680	J	68 1/10W Resistor	AB
R207	95CR3111VC102	J	1k 1/10W Resistor	AB
R208	95CR3111VC100	J	10 1/10W Resistor	AB
R209	95CR3111VC103	J	10k 1/10W Resistor	AB
R210	95CR3111VC103	J	10k 1/10W Resistor	AB
R211	95CR3111VC103	J	10k 1/10W Resistor	AB
R212	95CR3117VC103	J	10k 1/10W Resistor	AC
R213	95CR3111VC102	J	1k 1/10W Resistor	AB
R214	95CR3111VC103	J	10k 1/10W Resistor	AB
R215	95CR3131AC473	J	47k 1/4W Resistor	AB
R216	95CR3111VC102	J	1k 1/10W Resistor	AB
R217	95CR3113VC104	J	100k 1/10W Resistor	AB
R218	95CR4052DQ104	J	100k 2W Resistor	AE
R251	95CR3111VC181	J	180 1/10W Resistor	AB
R252	95CR3111VC272	J	2.7k 1/10W Resistor	AB
R253	95CR3111VC273	J	27k 1/10W Resistor	AB
R254	95CR3117VC821	J	820 1/10W Resistor	AC
R255	95CR3117VC392	J	3.9k 1/10W Resistor	AC
R256	95CR3117VC332	J	3.3k 1/10W Resistor	AC
R257	95CR3111VC102	J	1k 1/10W Resistor	AB
R258	95CR3111VC102	J	1k 1/10W Resistor	AB
R261	95CR3111VC103	J	10k 1/10W Resistor	AB
R262	95CR3111VC103	J	10k 1/10W Resistor	AB
R263	95CR3111VC103	J	10k 1/10W Resistor	AB
R264	95CR3111VC102	J	1k 1/10W Resistor	AB
R265	95CR3111VC102	J	1k 1/10W Resistor	AB
R266	95CR3111VC102	J	1k 1/10W Resistor	AB
R267	95CR3111VC103	J	10k 1/10W Resistor	AB
R268	95CR3111VC102	J	1k 1/10W Resistor	AB
R301	95CR3133AC184	J	180k 1/4W Resistor	AC
R302	95CR3133AC184	J	180k 1/4W Resistor	AC
R303	95CR3133AC184	J	180k 1/4W Resistor	AC
R305	95CR3111VC273	J	27k 1/10W Resistor	AB
R306	95CR3131AC122	J	1.2k 1/4W Resistor	AB
R307	95CR3111VC331	J	330 1/10W Resistor	AB
R308	95CR3111VC332	J	3.3k 1/10W Resistor	AB
R310	95CR3111VC272	J	2.7k 1/10W Resistor	AB
R311	95CR3117VC562	J	5.6k 1/10W Resistor	AC
R312	95CR3117VC683	J	68k 1/10W Resistor	AC
R314	95CR3131AC122	J	1.2k 1/4W Resistor	AB
R318	95CR3111VC101	J	100 1/10W Resistor	AB
R320	95CR3111VC223	J	22k 1/10W Resistor	AB
R321	95CR3131AC471	J	470 1/4W Resistor	AB
R322	95CR3111VC332	J	3.3k 1/10W Resistor	AB
R323	95CR3117VC822	J	8.2k 1/10W Resistor	AC
R324	95CR3111VC222	J	2.2k 1/10W Resistor	AB
R325	95CR3117VC472	J	4.7k 1/10W Resistor	AC
R327	95CR3119VC824	J	820k 1/10W Resistor	AC
R330	95CR3136AC474	J	470k 1/4W Resistor	AC
R331	95CR3136AC474	J	470k 1/4W Resistor	AC
R332	95CR3136AC474	J	470k 1/4W Resistor	AC
R333	95CR3136AC394	J	390k 1/4W Resistor	AC
R334	95CR3136AC394	J	390k 1/4W Resistor	AC
R335	95CR3136AC394	J	390k 1/4W Resistor	AC
R336	95CR3111VC333	J	33k 1/10W Resistor	AB
R338	95CR3111VC103	J	10k 1/10W Resistor	AB
R340	95CR3117VC273	J	27k 1/10W Resistor	AC
R341	95CR3136AC334	J	330k 1/4W Resistor	AC
R342	95CR3136AC334	J	330k 1/4W Resistor	AC
R343	95CR3136AC394	J	390k 1/4W Resistor	AC
R344	95CR3117VC393	J	39k 1/10W Resistor	AC
R351	95CR3111VC332	J	3.3k 1/10W Resistor	AB
R352	95CR3111VC222	J	2.2k 1/10W Resistor	AB
R353	95CR3111VC392	J	3.9k 1/10W Resistor	AB
R354	95CR3117VC221	J	220 1/10W Resistor	AC
R355	95CR3117VC911	J	910 1/10W Resistor	AC
R356	95CR3117VC752	J	7.5k 1/10W Resistor	AC
R357	95CR3117VC102	J	1k 1/10W Resistor	AC
R358	95CR3111VC181	J	180 1/10W Resistor	AB
R360	95CR3111VC102	J	1k 1/10W Resistor	AB
R401	95CR3133AC184	J	180k 1/4W Resistor	AC
R402	95CR3133AC184	J	180k 1/4W Resistor	AC
R403	95CR3133AC184	J	180k 1/4W Resistor	AC
R405	95CR3111VC273	J	27k 1/10W Resistor	AB
R406	95CR3131AC332	J	3.3k 1/4W Resistor	AB
R407	95CR3111VC331	J	330 1/10W Resistor	AB
R408	95CR3111VC333	J	33k 1/10W Resistor	AB
R410	95CR3111VC472	J	4.7k 1/10W Resistor	AB
R411	95CR3117VC822	J	8.2k 1/10W Resistor	AC
R412	95CR3117VC513	J	51k 1/10W Resistor	AC
R414	95CR3131AC562	J	5.6k 1/4W Resistor	AB
R418	95CR3111VC101	J	100 1/10W Resistor	AB
R420	95CR3111VC273	J	27k 1/10W Resistor	AB
R421	95CR3131AC471	J	470 1/4W Resistor	AB
R422	95CR3111VC332	J	3.3k 1/10W Resistor	AB
R423	95CR3117VC203	J	20k 1/10W Resistor	AC
R424	95CR3111VC222	J	2.2k 1/10W Resistor	AB
R425	95CR3117VC472	J	4.7k 1/10W Resistor	AC
R427	95CR3117VC333	J	33k 1/10W Resistor	AC
R430	95CR3136AC474	J	470k 1/4W Resistor	AC
R431	95CR3136AC474	J	470k 1/4W Resistor	AC
R432	95CR3136AC474	J	470k 1/4W Resistor	AC
R433	95CR3136AC684	J	680k 1/4W Resistor	AC
R434	95CR3136AC564	J	560k 1/4W Resistor	AC
R435	95CR3136AC564	J	560k 1/4W Resistor	AC
R436	95CR3111VC333	J	33k 1/10W Resistor	AB
R438	95CR3111VC103	J	10k 1/10W Resistor	AB
R440	95CR3117VC223	J	22k 1/10W Resistor	AC
R441	95CR3136AC334	J	330k 1/4W Resistor	AC
R442	95CR3136AC334	J	330k 1/4W Resistor	AC
R443	95CR3136AC394	J	390k 1/4W Resistor	AC
R444	95CR3117VC393	J	39k 1/10W Resistor	AC
R451	95CR3111VC272	J	2.7k 1/10W Resistor	AB
R452	95CR3111VC222	J	2.2k 1/10W Resistor	AB
R453	95CR3111VC333	J	33k 1/10W Resistor	AB
R454	95CR3117VC181	J	180 1/10W Resistor	AC
R455	95CR3117VC102	J	1k 1/10W Resistor	AC
R456	95CR3117VC912	J	9.1k 1/10W Resistor	AC
R457	95CR3117VC272	J	2.7k 1/10W Resistor	AC
R458	95CR3111VC102	J	1k 1/10W Resistor	AB
R460	95CR3111VC102	J	1k 1/10W Resistor	AB

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
BEA101	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
BEA103	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
BEA104	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
BEA105	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
BEA151	95CL5116AC001	J	Ferrite Beads, BLM31PG330SN1L	AE
BEA152	95CL5116AC001	J	Ferrite Beads, BLM31PG330SN1L	AE
BEA202	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
BEA203	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
BEA251	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
AC1	95CK2051AQ002	J	Connector, B2P3-VH(LF)	AE
⚠ F3	95CK7144AR002	J	Fuse, HTM (2A/250V)	AH
NTC1	95CD7102AR8R0	J	NTC Thermistor, NTPA78R0LB1AZ	AH
NTC2	95CD8118AR003	J	NTC Thermistor, NTPAD8R0LD6AZ	AN
PTC201	95CD8002AQ110	J	Posistor, PTFM04BC222Q2N34B0	AM
⚠ RL1	95CK3111AS001	J	Relay, FTR-H3AA005V	AX
⚠ RL2	95CK3111AS001	J	Relay, FTR-H3AA005V	AX
⚠ Z1	95CD7113AR004	J	Transient Voltage Surge Suppressor, ENE471D-10A	AZ
FG1	95CK2052PQ005	J	Connector, EARTH TERMINAL(M3) TP00370-21	AE

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POWER SUPPLY MAIN UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
FG2	95CK2052PQ005	J	Connector, EARTH TERMINAL(M3) TP00370-21	AE
FG3	95CK2052PQ005	J	Connector, EARTH TERMINAL(M3) TP00370-21	AE
FG4	95CK2052PQ005	J	Connector, EARTH TERMINAL(M3) TP00370-21	AE
FG5	95CK2052PQ005	J	Connector, EARTH TERMINAL(M3) TP00370-21	AE
PD	95CK2165BS006	J	Connector, B03B-PASK-1N	AG
PG1	95CK2061AQ006	J	Connector, B6P-VH	AH
PO	95CK2165BS003	J	Connector, B11B-PASK-1N	AM
PP	95CK2061AQ005	J	Connector, B5P-VH	AG

RDENCA153WJQZ
POWER SUPPLY SUB UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC601	95CH3151AC001	J	IC, FA5502M	AZ
IC851	95CH10Q3AQ001	J	IC, TA76431	AL

TRANSISTORS

Ref. No.	Part No.	★	Description	Code
Q601	95CT3528KL001	J	2SK3528	AZ
Q602	95CT3528KL001	J	2SK3528	AZ
Q603	95CT1858DR001	J	2SD1858	AH
Q604	95CT1237BR001	J	2SB1237	AH
Q703	95CT1576AC002	J	2SA1576A	AD
Q704	95CT4097CC002	J	2SC4097	AE
Q761	95CT4097CC002	J	2SC4097	AE
Q762	95CT1577AC002	J	2SA1577	AE
Q763	95CT4097CC002	J	2SC4097	AE
Q801	95CT3683KL001	J	2SK3683	AW
Q802	95CT4097CC002	J	2SC4097	AE
Q810	95CT4097CC002	J	2SC4097	AE
Q812	95CT4097CC002	J	2SC4097	AE
Q820	95CT3683KL001	J	2SK3683	AW
Q822	95CT4097CC002	J	2SC4097	AE

DIODES

Ref. No.	Part No.	★	Description	Code
D501	95CD1018AQ006	J	D15XB60	AP
D551	95CD2095AQ008	J	1SS355	AD
D552	95CD2095AQ008	J	1SS355	AD
D601	95CD2172AL006	J	SF10L60U	AR
D607	95CD2071AQ002	J	ERA92-02	AG
D704	95CD4103AC041	J	Zener Diode, MA8330-L	AD
D705	95CD2095AQ008	J	1SS355	AD
D706	95CD4103AC052	J	Zener Diode, MA8047-M	AD
D761	95CD4103AC043	J	Zener Diode, MA8180-M	AD
D802	95CD2095AQ008	J	1SS355	AD
D803	95CD2095AQ008	J	1SS355	AD
D804	95CD2095AQ008	J	1SS355	AD
D806	95CD2095AQ008	J	1SS355	AD
D807	95CD2095AQ008	J	1SS355	AD
D810	95CD2095AQ008	J	1SS355	AD
D812	95CD4103AC008	J	Zener Diode, MA8068-M	AD
D813	95CD2095AQ008	J	1SS355	AD
D821	95CD4103AC008	J	Zener Diode, MA8068-M	AD
D822	95CD2095AQ008	J	1SS355	AD
D823	95CD4103AC015	J	Zener Diode, MA8100-M	AD
D830	95CD2095AQ008	J	1SS355	AD
D831	95CD2095AQ008	J	1SS355	AD
D851	95CD3142AL001	J	YG862C15R	AN
D852	95CD3142AL001	J	YG862C15R	AN
D853	95CD3142AL001	J	YG862C15R	AN
D854	95CD4103AC024	J	Zener Diode, MA8270-H	AD
D855	95CD2095AQ008	J	1SS355	AD
⚠ Z501	95CD7113AR004	J	Transient Voltage Surge Suppressor, ENE471D-10A	AG

COILS AND FILTER

Ref. No.	Part No.	★	Description	Code
⚠ L501	95CL1206RS103	J	Linefilter, DRB25-06A103NP	AS
L601	95CL1167RS101	J	Coil, STP-03084	AN
L602	95CL1000VS003	J	Coil, 1V003	AZ

TRANSFORMER

Ref. No.	Part No.	★	Description	Code
⚠ T801	95CL2000VS042	J	Transformer, 2V042	BA

OPTICAL ISOLATERS

Ref. No.	Part No.	★	Description	Code
⚠ PC702	95CH7152AS001	J	Optical Isolater, PS2581AL1	AH
⚠ PC703	95CH7152AS001	J	Optical Isolater, PS2581AL1	AH
⚠ PC801	95CH7152AS001	J	Optical Isolater, PS2581AL1	AH

CAPACITORS

Ref. No.	Part No.	★	Description	Code
⚠ C501	95CC2131QS474	J	0.47 AC275V Film (LE-M-C)	AK
C601	95CC2110YS105	J	1.0(MMK) 450V Film	AN
C602	95CC2107MS225	J	2.2 450V Film (MMW-HP)	AP
C607	95CC1101RR101	J	100p(SL) 1kV Ceramic	AD
C609	95CC1101RR470	J	47p(SL) 1kV Ceramic	AE
C610	95CC1132EC104	J	0.1(B) 50V Ceramic	AC
C611	95CC1132CC104	J	0.1(B) 25V Ceramic	AC
C612	95CC1131EC471	J	470p(CH) 50V Ceramic	AC
C613	95CC1102EC472	J	4700p 50V Ceramic	AC
C614	95CC1131EC101	J	100p 50V Ceramic	AC
C615	95CC1131EC471	J	470p(CH) 50V Ceramic	AC
C616	95CC1132CC104	J	0.1(B) 25V Ceramic	AC
C622	95CC1132CC104	J	0.1(B) 25V Ceramic	AC
C623	95CC1152EC105	J	1(B) 50V Ceramic	AE
C624	95CC1102EC103	J	0.01 50V Ceramic	AC
C630	95CC2038NQ104	J	0.1 630V Film (ECQ-E)	AK
C706	95CC1152EC105	J	1(B) 50V Ceramic	AE
C707	95CC1152EC105	J	1(B) 50V Ceramic	AE
C709	95CC1132CC104	J	0.1(B) 25V Ceramic	AC
C761	95CC1132CC104	J	0.1(B) 25V Ceramic	AC
C801	95CC3124YL151	J	150(KMQ) 450V Electrolytic	AW
C803	95CC1131EC101	J	100p 50V Ceramic	AC
C809	95CC1151EC472	J	4700p(CH) 50V Ceramic	AE
C810	95CC1102EC103	J	0.01 50V Ceramic	AC
C820	95CC2110YS474	J	0.47(MMK) 450V Film	AM
C821	95CC1102EC222	J	2200p(B) 50V Ceramic	AC
C822	95CC1151EC472	J	4700p(CH) 50V Ceramic	AE
C851	95CC10A9RQ102	J	1000p(HR) 1kV Ceramic	AE
C852	95CC30A0DQ182	J	1800(ZL) 35V Electrolytic	AN
C853	95CC30A0DQ182	J	1800(ZL) 35V Electrolytic	AN
C854	95CC30A0DQ182	J	1800(ZL) 35V Electrolytic	AN
C855	95CC30A0DQ182	J	1800(ZL) 35V Electrolytic	AN
C857	95CC1152EC224	J	0.22(B) 50V Ceramic	AE
C858	95CC1132EC104	J	0.1(B) 50V Ceramic	AC
⚠ C891	95CC1384QS102	J	1000p(E) KH Ceramic	AE
⚠ C892	95CC1384QS102	J	1000p(E) KH Ceramic	AE
C901	95CC3124YL151	J	150(KMQ) 450V Electrolytic	AW

RESISTORS

Ref. No.	Part No.	★	Description	Code
R544	95CR3113VC105	J	1M 1/10W Resistor	AB
R545	95CR3113VC105	J	1M 1/10W Resistor	AB
R601	95CR3136AC274	J	270k 1/4W Resistor	AC
R602	95CR3136AC274	J	270k 1/4W Resistor	AC
R603	95CR3136AC274	J	270k 1/4W Resistor	AC
R604	95CR3117VC332	J	3.3k 1/10W Resistor	AC
R615	95CR3136AC224	J	220k 1/4W Resistor	AC
R616	95CR3136AC224	J	220k 1/4W Resistor	AC
R617	95CR3136AC224	J	220k 1/4W Resistor	AC
R618	95CR3117VC391	J	390 1/10W Resistor	AC
R619	95CR3117VC222	J	2.2k 1/10W Resistor	AC
R621	95CR3136AC334	J	330k 1/4W Resistor	AC
R622	95CR3136AC274	J	270k 1/4W Resistor	AC
R623	95CR3136AC274	J	270k 1/4W Resistor	AC
R624	95CR3117VC332	J	3.3k 1/10W Resistor	AC

RDENCA153WJQZ
POWER SUPPLY SUB UNIT(Continued)

Ref. No.	Part No.	★	Description	Code
R625	95CR4052DQ151	J	150 2W Resistor	AE
R626	95CR3111VC221	J	220 1/10W Resistor	AB
R627	95CR3111VC221	J	220 1/10W Resistor	AB
R628	95CR3117VC333	J	33k 1/10W Resistor	AC
R629	95CR3113VC184	J	180k 1/10W Resistor	AB
R630	95CR3117VC333	J	33k 1/10W Resistor	AC
R631	95CR3111VC183	J	18k 1/10W Resistor	AB
R632	95CR3117VC270	J	27 1/10W Resistor	AC
R636	95CR3111VC103	J	10k 1/10W Resistor	AB
R637	95CR3111VC103	J	10k 1/10W Resistor	AB
R638	95CR3067DQR47	J	0.47 2W Resistor	AE
R639	95CR3067DQR47	J	0.47 2W Resistor	AE
R640	95CR3067DQR47	J	0.47 2W Resistor	AE
R641	95CR3067DQR33	J	0.33 2W Resistor	AE
R642	95CR3067DQR33	J	0.33 2W Resistor	AE
R644	95CR3113VC105	J	1M 1/10W Resistor	AB
R645	95CR3113VC105	J	1M 1/10W Resistor	AB
R651	95CR3131AC220	J	22 1/4W Resistor	AB
R652	95CR3131AC220	J	22 1/4W Resistor	AB
R709	95CR3111VC103	J	10k 1/10W Resistor	AB
R710	95CR3111VC103	J	10k 1/10W Resistor	AB
R711	95CR3111VC103	J	10k 1/10W Resistor	AB
R712	95CR3117VC103	J	10k 1/10W Resistor	AC
R713	95CR3111VC102	J	1k 1/10W Resistor	AB
R714	95CR3111VC103	J	10k 1/10W Resistor	AB
R758	95CR3111VC102	J	1k 1/10W Resistor	AB
R761	95CR3111VC103	J	10k 1/10W Resistor	AB
R762	95CR3111VC103	J	10k 1/10W Resistor	AB
R763	95CR3111VC103	J	10k 1/10W Resistor	AB
R764	95CR3111VC102	J	1k 1/10W Resistor	AB
R765	95CR3111VC102	J	1k 1/10W Resistor	AB
R766	95CR3111VC102	J	1k 1/10W Resistor	AB
R767	95CR3111VC103	J	10k 1/10W Resistor	AB
R768	95CR3111VC102	J	1k 1/10W Resistor	AB
R801	95CR3133AC184	J	180k 1/4W Resistor	AC
R802	95CR3133AC184	J	180k 1/4W Resistor	AC
R803	95CR3133AC184	J	180k 1/4W Resistor	AC
R805	95CR3111VC273	J	27k 1/10W Resistor	AB
R806	95CR3131AC122	J	1.2k 1/4W Resistor	AB
R807	95CR3111VC331	J	330 1/10W Resistor	AB
R808	95CR3111VC332	J	3.3k 1/10W Resistor	AB
R810	95CR3111VC272	J	2.7k 1/10W Resistor	AB
R811	95CR3117VC562	J	5.6k 1/10W Resistor	AC
R812	95CR3117VC683	J	68k 1/10W Resistor	AC
R814	95CR3131AC122	J	1.2k 1/4W Resistor	AB
R818	95CR3111VC101	J	100 1/10W Resistor	AB
R820	95CR3111VC223	J	22k 1/10W Resistor	AB
R821	95CR3131AC471	J	470 1/4W Resistor	AB
R822	95CR3111VC332	J	3.3k 1/10W Resistor	AB
R823	95CR3117VC822	J	8.2k 1/10W Resistor	AC
R824	95CR3111VC222	J	2.2k 1/10W Resistor	AB
R825	95CR3117VC472	J	4.7k 1/10W Resistor	AC
R827	95CR3119VC824	J	820k 1/10W Resistor	AC
R830	95CR3136AC474	J	470k 1/4W Resistor	AC
R831	95CR3136AC474	J	470k 1/4W Resistor	AC
R832	95CR3136AC474	J	470k 1/4W Resistor	AC
R833	95CR3136AC394	J	390k 1/4W Resistor	AC
R834	95CR3136AC394	J	390k 1/4W Resistor	AC
R835	95CR3136AC394	J	390k 1/4W Resistor	AC
R836	95CR3111VC333	J	33k 1/10W Resistor	AB
R838	95CR3111VC103	J	10k 1/10W Resistor	AB
R840	95CR3117VC273	J	27k 1/10W Resistor	AC
R841	95CR3136AC334	J	330k 1/4W Resistor	AC
R842	95CR3136AC334	J	330k 1/4W Resistor	AC
R843	95CR3136AC394	J	390k 1/4W Resistor	AC
R844	95CR3117VC393	J	39k 1/10W Resistor	AC
R851	95CR3111VC332	J	3.3k 1/10W Resistor	AB
R852	95CR3111VC222	J	2.2k 1/10W Resistor	AB
R853	95CR3111VC392	J	3.9k 1/10W Resistor	AB
R854	95CR3117VC221	J	220 1/10W Resistor	AC
R855	95CR3117VC911	J	910 1/10W Resistor	AC
R856	95CR3117VC752	J	7.5k 1/10W Resistor	AC
R857	95CR3117VC102	J	1k 1/10W Resistor	AC
R858	95CR3111VC181	J	180 1/10W Resistor	AB
R860	95CR3111VC102	J	1k 1/10W Resistor	AB

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
BEA601	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
BEA603	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
BEA604	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
BEA605	95CL5051AQ001	J	Ferrite Beads, BL02RN1R2N1A	AD
BEA651	95CL5116AC001	J	Ferrite Beads, BLM31PG330SN1L	AE
BEA652	95CL5116AC001	J	Ferrite Beads, BLM31PG330SN1L	AE
AC2	95CK2051AQ002	J	Connector, B2P3-VH(LF)	AE
ASR1	95CM9017AZ002	J	Accessories, MINI SADDLE RMS-3V0	
ASR2	95CM9017AZ002	J	Accessories, MINI SADDLE RMS-3V0	
NTC502	95CD8118AR003	J	NTC Thermistor, NTPAD8R0LD6AZ	AN
PTC701	95CD8002AQ110	J	Posistor, PTFM04BC222Q2N34B0	AM
⚠ RL501	95CK3111AS001	J	Relay, FTR-H3AA005V	AX
⚠ RL502	95CK3111AS001	J	Relay, FTR-H3AA005V	AX
FG1	95CK2052PQ005	J	Connector, EARTH TERMINAL(M3) TP00370-21	AE
FG2	95CK2052PQ005	J	Connector, EARTH TERMINAL(M3) TP00370-21	AE
FG3	95CK2052PQ005	J	Connector, EARTH TERMINAL(M3) TP00370-21	AE
FG4	95CK2052PQ005	J	Connector, EARTH TERMINAL(M3) TP00370-21	AE
FG5	95CK2052PQ005	J	Connector, EARTH TERMINAL(M3) TP00370-21	AE
PD	95CK2165BS006	J	Connector, B03B-PASK-1N(LF)	AG
PG2	95CK2061AQ006	J	Connector, B6P-VH(LF)	AH
PP	95CK2061AQ005	J	Connector, B5P-VH(LF)	AG

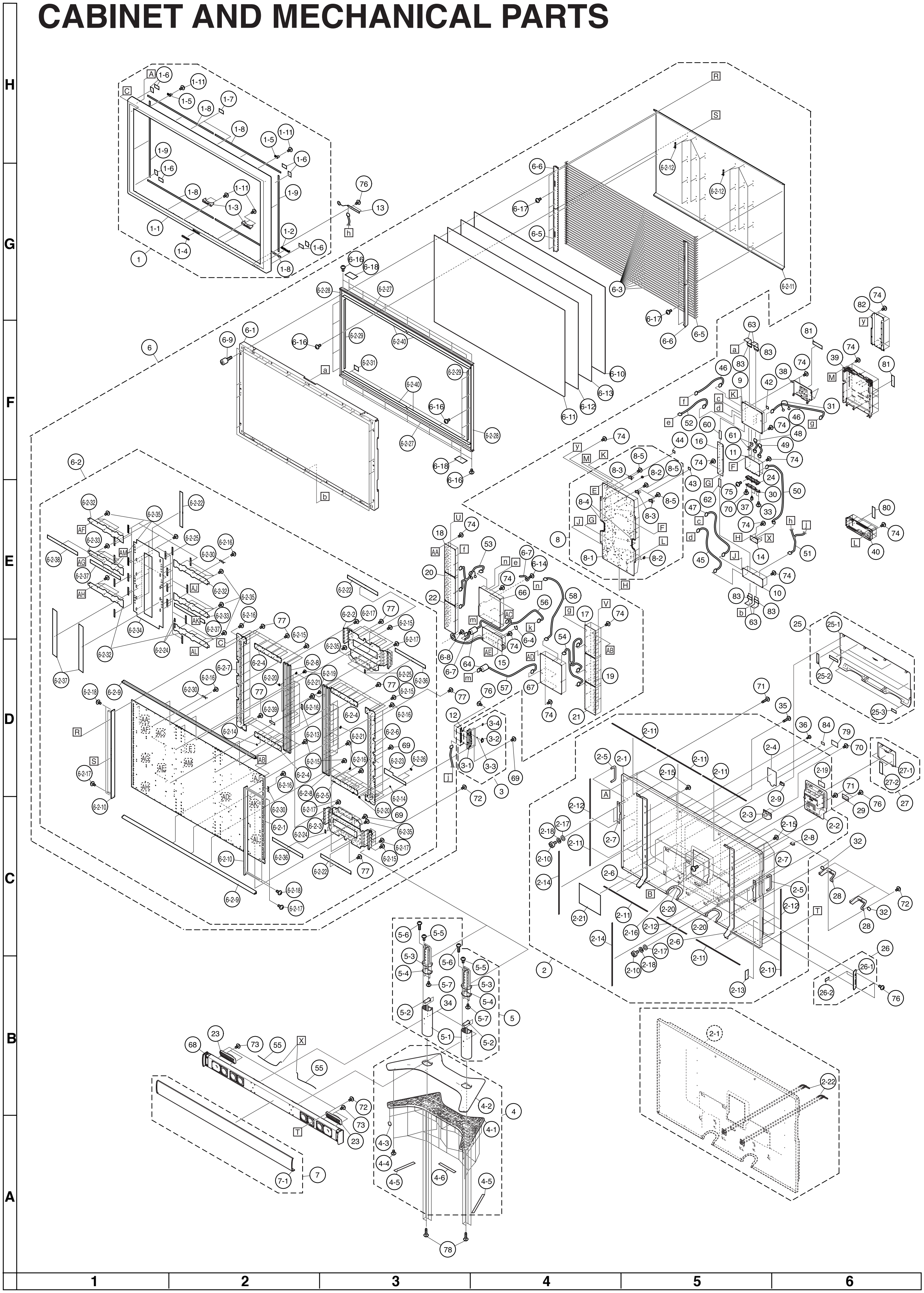
CABINET AND MECHANICAL PARTS

Ref. No.	Part No.	★	Description	Code
1	CCABAB175WJ01	J	Front Cabinet Ass'y	CE
1-1	*Not Available*	–	Front Cabinet	—
1-2	GCOVAA917WJSA	J	R/C, LED Cover	AG
1-3	GCOVAB315WJKA	J	Edge Cover, x2	AG
1-4	HBDGBA054WJSA	J	SHARP Badge	AR
1-5	LHLDZA643WJKZ	J	Spacer, x2	AF
1-6	PSPAGA292WJZZ	J	Spacer, x8	AC
1-7	PSPAGA299WJZZ	J	Spacer, x2	AB
1-8	PSPAHA572WJZZ	J	Spacer, x4	AD
1-9	PSPAHA573WJZZ	J	Spacer, x2	AD
1-11	XEBSN30P10000	J	Screw, x6	AA
2	CCABBA592WJ02	J	Rear Cabinet Ass'y (LC-65GD1E/E(F)/E(K)/E(R))	CA
2	CCABBA592WJ03	J	Rear Cabinet Ass'y (LC-65GD1E(I))	CA
2-1	*Not Available*	–	Rear Cabinet	—
2-2	GCOVAB452WJKA	J	Cable Box	AW
2-3	GCOVAB454WJKA	J	AC Inlet Cover	AK
2-4	HiNDPB509WJSA	J	Model Label (LC-65GD1E/E(F)/E(K)/E(R))	
2-4	HiNDPB510WJSA	J	Model Label(LC-65GD1E(I))	
2-5	JHNDMA002WJSA	J	Handle, x2	AW
2-6	LANGHA016WJFW	J	Bridge Angle, x2	AU
2-7	LANGTA220WJFW	J	handle Angle, x2	AF
2-8	LHLDWA057WJKZ	J	Cable Clamp, x2	AE
2-9	LHLDZA600WJKA	J	Hook Holder, x7	AE
2-10	LX-BZA127WJFN	J	Bolt, x4	AD
2-11	PSPAHA599WJZZ	J	Spacer, x7(514*15*0.25)	AC
2-12	PSPAHA600WJZZ	J	Spacer, x3(349*15*0.25)	AC
2-13	PSPAHA601WJZZ	J	Spacer (150*9*0.25)	AB
2-14	PSPAHA626WJZZ	J	Spacer, x4	AD
2-15	LX-BZA137WJF9	J	Screw, x10	AA
2-16	XEBS930P10000	J	Screw, x6	AA
2-17	XWHSN80-16180	J	Washer, x4	AB
2-18	XWSSN80-40000	J	Spring Washer, x4	AB
2-19	LHLDZA648WJZZ	J	Cable Clamp	AF
2-20	PSPAHA639WJZZ	J	Spacer, x6	AA
2-21	PSHEPA422WJZZ	J	Sheet, x2	AU
2-22	LHLDWA083WJ00	J	Wire Holder, x2	AD
3	CBTN-A476WJ01	J	Control Button Ass'y	AQ
3-1	JBTN-A476WJKA	J	Control Button	AM
3-2	JBTN-A306WJKA	J	Power Button	AG
3-3	MSPRCA049WJFW	J	Power Button Spring	AC
3-4	PSPAZA918WJZZ	J	Spacer, x2 (18*6_T0.5)	AB
4	CDAi-A216WJ02	J	Stand Base Ass'y	BW
4-1	*Not Available*	–	Stand Base	—
4-2	GCOVAB285WJKB	J	Stand Base Cover	BW
4-3	PSPAZA766WJZZ	J	Leg Cushion, x10	AD
4-4	XEBS740P12000	J	Screw, x15	AB
4-5	PSPAHA668WJZZ	J	Spacer, x2(390*15_t0.7)	AD
4-6	PSPAHA669WJZZ	J	Spacer (140*15_t0.7)	AC
5	CDAi-A223WJ02	J	Stand Support Ass'y, x2	BH
5-1	*Not Available*	–	Stand Support, x2	—
5-2	GCOVAB326WJSB	J	Screw Cover, x2	AQ
5-3	GDAi-A224WJSB	J	Stand Support Axis, x2	BD
5-4	LANGFA193WJFW	J	Support Axis Angle, x2	AH
5-5	XBSS730P08000	J	Screw, x8	
5-6	XCSS760P25000	J	Screw, x10	AB
5-7	XBPS740P15JS0	J	Screw, x8	
6	*Not Available*	–	65" Wide LCD Panel Ass'y	—
6-1	RLCDTA056WJZZ	J	65" Wide LCD Panel Unit	
6-2	CCHSMA274WJ02	J	Back Chassis Ass'y	DD
6-2-1	*Not Available*	–	Back Chassis	—
6-2-2	LANGFA234WJN1	J	Top Angle (Center)	BL
6-2-3	LANGFA239WJN1	J	Bottom Angle (Center)	BP
6-2-4	LANGFA176WJN1	J	Angle, x3 (Upper Left/Lower Left)	AR
6-2-5	LANGFA176WJN2	J	Bottom Angle (Right)	AS
6-2-6	LANGFA240WJN1	J	Side Angle (Left)	BG
6-2-7	LANGFA240WJFW	J	Side Angle (Right)	BG
6-2-8	LANGFA235WJFW	J	Reinforcement Angle, x2	BH
6-2-9	LANGTA221WJFW	J	Reinforcement Angle, 2 (Upper/Lower)	BG
6-2-10	LANGTA222WJN1	J	Reinforcement Angle, x2 (Side)	BE
6-2-11	PMiR-A085WJZZ	J	Reflector	BQ
6-2-12	LHLDZA603WJKZ	J	Lamp Clip, x24	AD
6-2-13	TCAUZA031WJZZ	J	Caution Card	AB
6-2-14	LHLDZA644WJZZ	J	SP Gum Catcher, x2	AD
6-2-15	XJBS740P12000	J	Screw, x50	AB
6-2-16	XBPS730P08WS0	J	Screw, x33	AH
6-2-17	XBBS940P10000	J	Screw, x51	AB
6-2-18	XBPSN30P10000	J	Screw, x4	AA
6-2-19	LX-BZA130WJF7	J	Screw, x2	AE
6-2-20	LHLDWA043WJKZ	J	Wire Holder, x4	AB
6-2-21	LHLDWA072WJKZ	J	Wire Holder, x14	AC
6-2-22	PMLT-A312WJZZ	J	Gasket, x5(10*20*250)	AM
6-2-23	PZETKA145WJZZ	J	Insulation Sheet	AG
6-2-24	PSPAHA632WJZZ	J	Spacer, x4	AB
6-2-25	PSPAHA630WJZZ	J	Spacer, x22	AC
6-2-26	LHLDW1123GEZZ	J	Wire Holder, x2	AB
6-2-27	LANGTA239WJN1	J	Sheet Fixing Angle, x2 (Top/Bottom)	BD
6-2-28	LANGTA255WJN1	J	Sheet Fixing Angle, x2 (Side)	BD
6-2-29	PSPAKA131WJKZ	J	Spacer, x2	AE
6-2-30	LHLDWA110WJKZ	J	Wire Holder, x3	AA
6-2-31	PSPAZA910WJZZ	J	Spacer, x5	AB
6-2-32	LANGFA241WJFW	J	Reinforcement Angle-1, x4	BC
6-2-33	LANGFA242WJFW	J	Reinforcement Angle-2, x2	BC
6-2-34	LANGFA243WJFW	J	Reinforcement Angle (Center)	BF
6-2-35	XBBS830P06000	J	Spacer, x74	AA
6-2-36	PSPAHA721WJZZ	J	Spacer, x4	AC
6-2-37	PSPAHA722WJZZ	J	Spacer, x5	AD
6-2-38	PSPAHA723WJZZ	J	Spacer	AD
6-2-40	PSPAKA130WJKZ	J	Spacer, x4	AE
6-3	KLMP-A079WJZZ	J	Lamp, x18	BE
6-4	LHLDW1046CEZZ	J	Wire Holder, x2	AA
6-5	LHLDZA601WJKZ	J	Lamp Holder A, x2	AQ
6-6	LHLDZA602WJKZ	J	Lamp Holder B, x2	AQ
6-7	LHLDZA673WJZZ	J	Wire Holder for Core, x2	AC
6-8	LX-BZA051WJFN	J	Screw, AC-IN(Earth)	AB
6-9	LX-BZA126WJF9	J	Screw, x22	AD
6-10	PCOVUA069WJZZ	J	Diffusion Panel	BW
6-11	PSHEPA375WJZZ	J	Reflection/Deflection Sheet	CY
6-12	PSHEPA376WJZZ	J	Prism Sheet	CE
6-13	PSHEPA377WJZZ	J	Diffusion Sheet	BK
6-14	XBBS730P10000	J	Screw	AA
6-16	XBPS730P08000	J	Screw, x24	AA
6-17	XBPS730P08WS0	J	Screw, x12	AH
6-18	PSPAZA914WJZZ	J	Spacer, x4	AB
7	CPNLSA047WJ02	J	Speaker Grill Ass'y	CV
7-1	*Not Available*	–	Speaker Grill	—
8	CCHSMA212WJ01	J	Center Chassis Ass'y	BQ
8-1	*Not Available*	–	Center Chassis	—
8-2	LHLDWA072WJKZ	J	Wire Holder, x19	AC
8-3	PRDARA256WJFW	J	Heat Sink, x3	AQ
8-4	PSPAHA614WJZZ	J	Spacer, x2 (130*15*0.5)	AB
8-5	XBPS730P06WS0	J	Screw, x6	AA
9	DUNTKD579UJ05	–	T-CON Top Unit	—
10	DUNTKD580UJ05	–	T-CON Bottom Unit	—
11	DUNTKD222VJ08	–-	TMDS-RX Unit	—
12	DUNTKD223UJ04	–	KeyUnit	—
13	DUNTKD224UJ04	–	R/C, LED Unit	—
14	DUNTKD225UJ04	–	Speaker Terminal Unit	—
15	DUNTKD226UJ04	–	Line Filter Unit	—
16	DUNTKD228VJ04	–	LVDS Repeater Unit	—
17	DUNTKD256UJ04	–	Inverter-1 Unit	—

CABINET AND MECHANICAL PARTS
(Continued)

Ref. No.	Part No.	★	Description	Code
18	DUNTKD257UJ04	–	Inverter-2 Unit	—
19	DUNTKD258UJ04	–	Inverter-3 Unit	—
20	DUNTKD259UJ04	–	Inverter-4 Unit	—
21	DUNTKD260UJ04	–	Inverter-5 Unit	—
22	DUNTKD261UJ04	–	Inverter-6 Unit	—
23	GARMJA001WJKA	J	Speaker Bracket, x2	AL
24	GCOVAA923WJKA	J	Panel Link Cover	AN
25	CCOVAB493WJ01	J	Terminal Cover Ass'y	BC
25-1	*Not Available*	–	Terminal Cover	—
25-2	PSPAHA635WJZZ	J	Spacer, x4	AB
25-3	PSPAZA788WJZZ	J	Spacer, x2	AA
26	CCOVAB453WJ01	J	Control Button Cover Ass'y	AP
26-1	*Not Available*	–	Control Button Cover	—
26-2	PSPAGA308WJZZ	J	Spacer, x2 (22.5*5_T1.5)	AB
27	CCOVAB280WJ01	J	System Cable Cover Ass'y	AP
27-1	*Not Available*	–	System Cable Cover	—
27-2	PSPAHA647WJZZ	J	Spacer, x2	AB
28	GCOVAB286WJKA	J	Support Edge Cover, x2	AL
29	HiNDPB482WJSA	J	Speaker Terminal Label	AC
30	LANGQA014WJFW	J	TMDS Angle	AM
31	LHLDWA111WJKZ	J	Wire Holder	AA
32	LHLDWA117WJKZ	J	Wire Holder, x2	AC
33	LX-BZ3434CEFN	J	Screw, x2	AB
34	LX-BZ3441CEF8	J	Screw, x2	AE
35	LX-BZA116WJF8	J	Screw, x4	AE
36	LX-BZA117WJSA	J	Screw, x4	AE
37	NSFTZ0134CEFW	J	Shaft, x2	AD
38	PSLDMA749WJN1	J	LCD Top Shield A	AW
39	PSLDMA750WJFW	J	LCD Top Shield B	BP
40	PSLDMA751WJFW	J	LCD Bottom Shield	BE
42	PSPAZA917WJKZ	J	Spacer, x4 (T2.0 20*20mm)	AH
43	PSPAZB006WJKZ	J	Spacer, x2 (T2.0 15*15mm)	AF
44	PSPAZB007WJKZ	J	Spacer (T1.0 20*6mm)	AD
45	QCNW-D600WJQZ	J	Connecting Cord (LT-LC,LT)	AT
46	QCNW-D601WJQZ	J	Connecting Cord, x2 (MN1, MN3)	AL
47	QCNW-D602WJQZ	J	Connecting Cord (LB)	AP
48	QCNW-D603WJQZ	J	Connecting Cord (C)	AR
49	QCNW-D604WJQZ	J	Connecting Cord (TV)	AF
50	QCNW-D605WJQZ	J	Connecting Cord (SO)	AG
51	QCNW-D606WJQZ	J	Connecting Cord (RM-RM,KM)	AM
52	QCNW-D607WJQZ	J	Connecting Cord (PO1)	AH
53	QCNW-D608WJQZ	J	Connecting Cord (PG1-NP2,NP4,NP6)	AK
54	QCNW-D609WJQZ	J	Connecting Cord (PG2-NP1,NP3,NP5)	AH
55	QCNW-D625WJQZ	J	Speaker Cable,x2 (L/R)	AL
56	QCNW-D663WJQZ	J	Connecting Cord (AC-AC1,AC2)	AP
57	QCNW-D875WJQZ	J	Connecting Cord (PP)	AN
58	QCNW-D876WJQZ	J	Connecting Cord (PD)	AG
60	QPWBHC572WJQZ	J	FPC (T-CON TOP/LVDS)	AN
61	QPWBHC639WJQZ	J	FPC, x2 (T-CON TOP/ TMDS RX)	AN
62	QPWBHD279WJQZ	J	FPC (T-CON BOTTOM/LVDS)	AP
63	QPWBMD395WJPZ	J	FPC, x4 (PanelL/T-CON)	AN
64	RCORF0104CEZZ	J	Ferrite Core, x2	AM
66	RDENCA152WJQZ	–	Power Supply Main Unit	—
67	RDENCA153WJQZ	–	Power Supply Sub Unit	—
68	RSP-ZA131WJN2	J	Speaker Unit	CE
69	XBBS730P10000	J	Screw, x2	AA
70	XBBS830P06000	J	Screw, x2	AA
71	XBBS840P06000	J	Screw, x28	AA
72	XBBS840P14000	J	Screw, x8	AB
73	XBBS850P16000	J	Screw, x4	AB
74	XBPS730P06WS0	J	Screw, x127	AA
75	XBPS730P08JS0	J	Screw, x1	AB
76	XEBS830P08000	J	Screw, x9	AA
77	XEBSN40P10000	J	Screw, x38	AB
78	XJBS760P25000	J	Screw, x10	AC
79	*Not Available*	–	No. Label	—
80	PSLDMA472WJZZ	J	Gasket, x2	AE
81	PSLDMA646WJZZ	J	Gasket, x2 (20*35*70)	AQ
82	PSLDMA752WJFW	J	LVDS PWB Shield	AY
83	RCORFA039WJZZ	J	Core For FPC, x4	AG
84	TLABSA052WJSA	-	Gost Label for Model Label (LC-65GD1E(R))	—

CABINET AND MECHANICAL PARTS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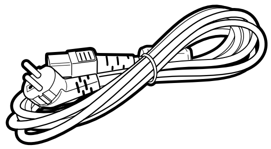
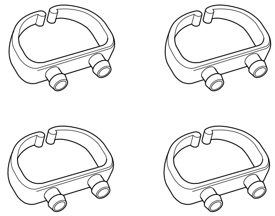
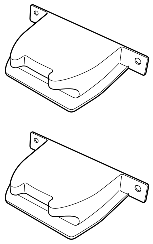
SUPPLIED ACCESSORIES

Ref. No.	Part No.	★	Description	Code
⚠ X1	QACCBA027WJPZ	J	AC Cord(LC-65GD1E(K))	AX
⚠ X1	QACCKA009WJPZ	J	AC Cord (LC-65GD1E/E(F)/E(I)/E(R))	AW
X2	LHLDWA105WJSD	J	Cable Clamp, x4	AE
X3	GCOVAB304WJKA	J	Stand Hole Cover, x2	AL

Display

X1 AC cord (x1)	X2 Cable clamp (x4)
 Product shape varies in some countries.	
X3 Stand hole cover (x2)	
	

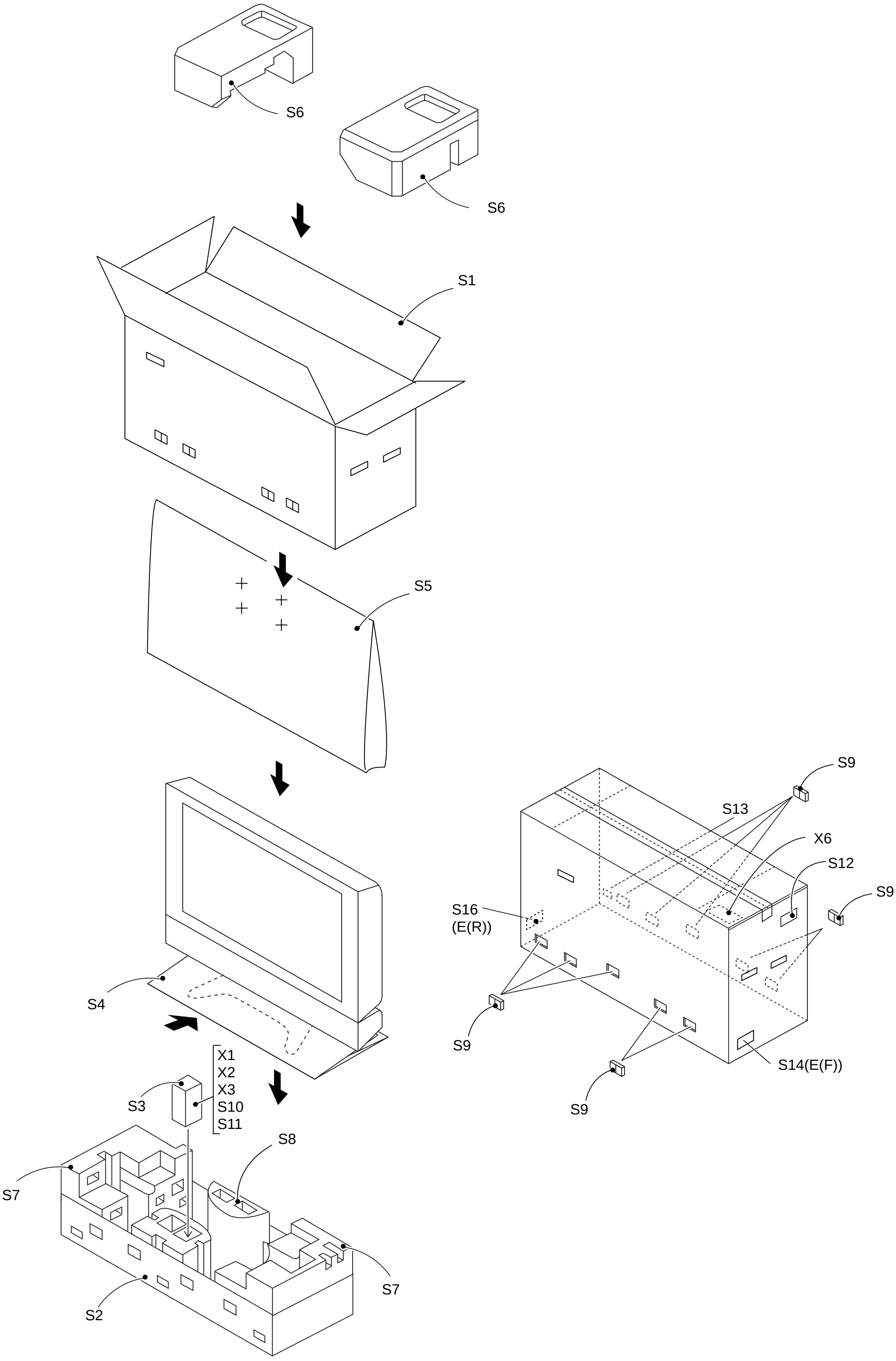
PACKING PARTS
(NOT REPLACEMENT ITEM)

Ref. No.	Part No.	★	Description	Code
S1	SPAKCC297WJZZ	-	Packing Case	—
S2	SPAKCC327WJZZ	-	Packing Case (Bottom)	—
S3	SPAKFA906WJZZ	-	Accessories Case	—
S4	SPAKPA598WJZZ	-	Wrapping Paper (Stand)	—
S5	SPAKPA529WJZZ	-	Wrapping Paper (Monitor)	—
S6	SPAKXA877WJZZ	-	Buffer Material (Top)	—
S7	SPAKXA878WJZZ	-	Buffer Material (Bottom)	—
S8	SPAKXA879WJZZ	-	Buffer Material (Bottom Center)	—
S9	SPAKL0023CEZZ	-	Joint, x10	—
S10	SSAKA0219CEZZ	-	Polyethylenne Bag	—
S11	SSAKAA066WJZZ	-	Polyethylenne Bag	—
S12	TLABK0001TAZZ	-	Bar Code Label	—
S13	TLABKA013WJZZ	-	2D Bar Code Label	—
S14	TLABSA050WJZZ	-	Green Dot Label (LC-65GD1E(F))	—
S16	TLABSA053WJZZ	-	Gost Label (LC-65GD1E(R))	—

SERVICE JIG
(USE FOR SERVICING)

Ref. No.	Part No.	★	Description	Code
	QCNW-C222WJQZ	J	80pins FFC L=1000mm, T-CON Top to LCD Panel, T-CON Bottom to LCD Panel, x4 pcs.	AW
	QCNW-D879WJQZ	J	12pins, L=1000mm, T-CON Top to Inverter (MN)	AX
	QCNW-D880WJQZ	J	11pins, L=1000mm, Main Power to T-CON Top (PO1)	AW
	QCNW-D881WJQZ	J	6pins to 3/4/2pins, L=1000mm, Main Power (PG) to Inverter -2(NP)/-4(NP)/-6(NP), Sub Power (PG) to Inverter -1(NP)/-3(NP)/-5(NP), x4 pcs.	AY

PACKING OF THE SET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MY. DS

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